Service Manua

Colour Television

TX-29AD1C TX-25AD1C EURO-1M Chassis

Specifications

(Information in brackets refer to TX-25AD1C)

Power Source :

220 - 240 V AC, 50Hz

Power Consumption :

115W (105W)

Aerial Impedance :

75Ω unbalanced, Coaxial Type PAL B.G SECAM B.G. D.K

Receiving System:

VHF E2 - E12

Receiving Channels: VHF H1 — H2 (ITALY) VHF B1 — B2

VHF A - H (ITALY) VHF R3 - R5

VHF R6 - R12

UHF E21 - E69

CATV S1 - S10 (M1 - M10)

CATV (S01 - S05) CATV S11 - S20 (U1 - U10)

CATV S21 - S41 (HYPERBAND)

Intermediate Frequency:

Video

38.9MHz 33.4MHz

Sound Colour

34.47MHz 34.5MHz-(SECAM)

34.65MHz-(SECAM)

Video / Audio Terminals :

AV1 IN

1 Vp−p 75Ω Video (21 pin)

Audio (21 pin) RGB (21 pin)

AV1 OUT

AV2 IN

AV2 OUT

AV3 IN

500 mV rms $10k\Omega$

Video (21 pin)

Audio (21 pin)

500 mV rms 1kΩ Video (21 pin)

Audio (21 pin)

1 Vp-p 75Ω

1 Vp−p 75Ω

500 mV rms 10 kΩ

S-Video IN

Y:1 Vp-p 75Ω

(21 pin)

Video (21 pin)

C: 0.3 Vp−p 75Ω

1 Vp−p 75Ω

Audio (21 pin) Selectable output (21 pin)

500 mV rms $1k\Omega$

S-Video IN

Y : 1 Vp-p 75Ω C : 0.3 Vp-p 75Ω

(4-pin)

500 mV rms $10k\Omega$

Audio (RCA x 2) Video (RCA x 1)

1 Vp−p 75Ω

AUDIO OUT

Audio (RCA x 2) 500 mV rms $10k\Omega$

High Voltage:

29.7.5 kV \pm 0.7kV at zero beam current

Picture Tube: Visible screen size: 29AD1C 72 cm(68cmV)SUPER FLAT FST 110°

Audio Output: Internal Speaker 25AD1C 63 cm (59cmV) FST 110°

2 x 10 W (Music Power) 8 Ω Impedance

Speakers

2 : 7.5cm x 12.5cm Oval

Headphones

1 x 8 Ω Impedance

Accessories supplied :

Remote Control

R6 (UM3) Battery

Dimensions:

Height: 551mm (504mm)

Width: Depth:

(606mm) 668mm

Net Weight

470mm (448mm) 41 kg (30 kg)

Specifications are subject to change without notice. Weight and dimensions shown are approximate.

anasonic

Technische Daten

(Werte in klammern gelten nur fur TX-25AD1C)

Netzpannung:

220 - 240 V AC, 50Hz

Leistungsaufnahme:

115W (105W) 75Ω asymmetrisch, Koaxial - Typ

Antennenimpedanz: Empfangssystem:

PAL B,G SECAM B,G, D,K

Empfangsbereiche:

VHF E2 - E2

VHF H1 — H2 (ITALY) VHF R1 — R2

VHF A - H (ITALY)

VHF R3 - R5

VHF R6 - R12

UHF E21 - E69

CATV S1 - S10 (M1 - M10) CATV S21 - S41 (HYPERBAND)

CATV (S01 - S05) CATV S11 - S20 (U1 - U10)

Zwischenfrequenz:

38.9MHz

Sound

33.4MHz 34.47MHz 34.5MHz-(SECAM)

34.65MHz-(SECAM)

Video / Audio

Coloui

Anschlüsse :

AV1 EINGANG

AV1 AUSGANG

AV2 EINGANG

AV2 AUSGANG

AV3 EINGANG

Video (21 pin) 1 Vp−p 75Ω 500 mV rms10kΩ

Audio (21 pin)

RGB (21 pin)

Video (21 pin)

1 Vp−p 75Ω Audio (21 pin) 500 mV rms1k Ω

Video (21 pin) 1 Vp-p 75Ω

Audio (21 pin)

500 mV rms 10 kΩ

S-Video IN

Y : 1 Vp-p 75Ω

(21 pin)

C: 0.3 Vp-p 75Ω

Video (21 pin)

1 Vp−p 75Ω 500 mV rms1kΩ

Audio (21 pin)

Selectable output (21 pin) Y: 1 Vp-p 75Ω

S-Video IN (4-pin)

C: 0.3 Vp-p 75Ω

Audio (RCA x 2)

500 mV rms10kΩ

Video (RCA x 1) Audio (RCA x 2)

1 Vp-p 75Ω 500 mV rms $10k\Omega$

AUDIO AUSGANG

29.7 kV \pm 0.7kV bei Nullstrahlstom 72 cm (68 cmV)SUPER FLAT110° Ablenkung 63 cm (59 cmV) 110° Ablenkung

Bildrohre: Visuelle Diagonale:

Ton Ausgangsleistung: Einbaulautsprecher

Hochspannung:

2 x 10W (Musikleistung)

8 Ω Impedanz

2 : 7.5 cm x 12.5cm Oval

Lautsprecher Kopfhörer

Mitgel. Zubehör

Abmessungen:

1 x 8 Ω Impedanz

Fernbedienung R6 (UM3) Batterien

Höhe: 551mm (504mm)

668mm (606mm) Breite:

Gewicht:

470mm (448mm) Tiefe:

41.kg (30 kg)

Änderungen der technischen Daten vorbehalten. Gewichte und Abmessungen sind Näherungsangaben.



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SAFETY PRECAUTIONS

General Guide Lines

- 1. It is advisable to insert an isolation transformer in the AC supply before servicing a hot chassis.
- When servicing, observe the original lead dress in the high voltage circuits. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
- After servicing, see that all the protective devices such as insulation barriers, insulation papers, shields and isolation R-C combinations are correctly installed.
- 4. When the receiver is not being used for a long period of time, unplug the power cord from the AC outlet.
- 5. Potentials as high as 31.0 kV are present when this receiver is in operation. Operation of the receiver without the rear cover involves the danger of a shock hazard from the receiver power supply. Servicing should not be attempted by anyone who is not familiar with the precautions necessary when working on high voltage equipment. Always discharge the anode of the picture to the chassis before handling the tube.
- After servicing make the following leakage current checks to prevent the customer from being exposed to shock hazards.

LEAKAGE CURRENT COLD CHECK

- Unplug the AC cord and connect a jumper between the two prongs of the plug.
- 2. Turn on the receiver's power switch.
- 3. Measure the resistance value with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the receiver, such as screw heads, aerials, connectors, control shafts etc. When the exposed metallic part has a return path to the chassis the reading should be between 4M ohm and 20M ohm. When the exposed metal does not have a return path to the chassis the reading must be infinite.

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SICHERHEITSVORKEHRUNGEN

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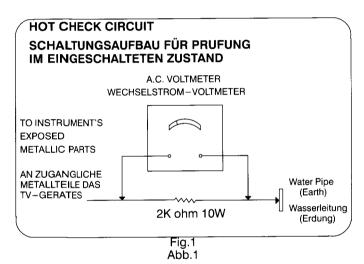
- Es ist empfehlenswert einen Trenntransformator in die Stromversorgung zu schalten, bevor Reparaturen an einem Gerätvorgenommen werden, dessen Chassis unter Spannung steht.
- Bei der Durchführung von Servicearbeiten dürfen die ursprünglichen Kabelanschlüsse nicht vertauscht werden. Dies gilt insbesondere für die Anschlüsse im Hochspannungsteil. Hat sich ein Kurzschluß ereignet, dann sind alle Teile, an denen Spuren von Überhitzung sichtbar sind, auszuwechseln.
- 3. Nach Beenden der Servicearbeiten ist sicherzustellen, daß alle Sicherheitsvorrichtungen, wie Isolationsstege, Isolationspapiere, Abschirmungen und Isolations R C Glieder wieder richtig eingesetzt sind.
- 4. Wenn der Fernseher während längerer Zeit nicht in Betrieb gesetzt wird, sollte der Netzstecker aus der Netzsteckdose gezogen werden.
- Im Betrieb sind Spannungen bis zu 31.0kV ind iesem Gerät 5. vorhanden. Die Inbetriebnahme des Fernsehers ohne aufgesetzte Rückwand bringt die Gefahreines elektrischen Schlages von der Fernseher – Stromversorgung mit sich. Servicearbeiten solten daher auch nie durch Personen versucht werden, die nicht in vollem. Umfang mit den Sicherheitsvorkehrungen beim Umgang mit 4 Hochspannungsgeräten vertraut sind der Handhabung mit der Bildröhre ist die Anoded er Bildrohre immer an dem Empfängerchassis zu entladen.
- 6. Nach Beenden der Servicearbeiten sind die folgenden Kriechstrom-Prüfungen durchzuführen, um den Kunden vor der Gefahr eines elektrischen Schlageszu schützen.

MESSUNG DES ISOLATIONSWIDERSTANDES IM ABGESCHALTETEN ZUSTAND

- Den Netsztecker aus der Netzsteckdose ziehen und die beiden Steckerstifte kurzschließen.
- 2. Den Geräteschalter des Fernsehgerätes einschalten.
- 3. Mit einem Ohmmeter den Widerstandswert zwischen dem überbrückten Netzkabelsteckerund jendem zugänglichen Metallteil am Gehäuse des Fernsehgerätes, wie Schraubenköpfe, Antennen, Achsen der Regler, Griffassungen usw.messen. Wenn ein zugängliches Metallteil keine Rückleitung zum Chassis hat, Muß die Anzeige unendlich betrgen.

LEAKAGE CURRENT HOT CHECK

- Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
- 2. Connect a $2k\Omega$ 10W resistor in series with an exposed metallic part on the receiver and an earth such as a water pipe.
- 3. Use an AC voltmeter with high impedance to measure the potential across the resistor.
- 4. Check each exposed Metallic part and check the voltage at each point.
- Reverse the AC plug at the outlet and repeat each of the above measurements.
- The potential at any point should not exceed 1.4 Vrms. In case a measurement is outside the limits specified, there is a possibility of a shock hazard, and the receiver should be repaired and rechecked before it is returned to the customer.



X-RADIATION WARNING

- 1. The potential sources of X-Radiation in TV sets are the high voltage section and the picture tube.
- When using a picture tube test jig for service ensure that the jig is capable of handling 29.0 kV without causing X-Radiation.

NOTE: It is important to use an accurate periodically calibrated high voltage meter

- 1. Set the brightness to minimum.
- 2. Measure the high voltage. The meter should indicate 29.7 kV ± 0.7 kV, if the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure.
- 3. To prevent any X-Radiation possibility, it is essential to use the specified tube.

MESSUNG DES KRIECHSTROMS IM EINGESCHALTETEN ZUSTAND

- Den Netzstecker direkt in eine Netsteckdose stecken. Für diese Messung keinen Trenntransformator verwenden.
- 2. Einen $2k \Omega / 10W$ –Widerstand in Serie mit einem von außen zugänglichen Metallteil am Fernsehgerät und einer guten, Erdung z.B Wasserleitung, anschließen.
- 3. Ein Wechselstrom Voltmeter mit einem Meßbereich von 1000 Ohm. Volt oder größer verwenden, um die Spannung über den Widerstand zu messen.
- Jedes zugängliche Metallteil pr
 üfen, und an jedem Punkt dies Spannung messen.
- 5. Den Netztecker umgekehrt in die Steckdose stecken und jede der obigen Messungen wiederholen.
- 6. Die Spannung darf an keinem der Punkte 1.4V eff. überschreiten. Wird dieser Wert nicht eingehalten, besteht die Gefar eines elektrischen Schlages, und das Fernsehgerät sollte daher repariert und nachgeprüft werden, bevor es an den Kunden zurückgegeben wird.

RÖNTGENSTRAHLUNG ACHTUNG:

- Potentielle Quellen von Röntgenstrahlung in Fernsehgeräten sind das Hochspannungsteil und die Bildröhre.
- Bei Verwendung eines Bildröhren-Prüfgerätes für den Service ist sicherzustellen, daß es für die Belastung von 29.0 kV geeignet ist, ohne daß eine Röntgenstrahlung verursacht wird.

ANMERKUNG: Es ist wichtig, daß ein präzises, regelmäßig geprüftes Voltmeter verwendet wird.

- 1. Helligkeit auf Minimum stellen.
- 2. Die Hochspannung messen. Die Anzeige des Instrumentes sollte 29.7 kV \pm 0.7 kV, betragen. Falls die Anziege diese Toleranzgrenzen überschreitet, ist die sofortige Behebung nötig, um die Möglichkeit vorzeitigen Komponentenausfalls zu verhüten.
- Um die Möglichkeit von Röntgenstrahlung zu begrenzen, ist es wichtig, daß nur die vorgeschriebene Bildröhre verwendet wird.

Location Of Controls

Lage der Einstellregler

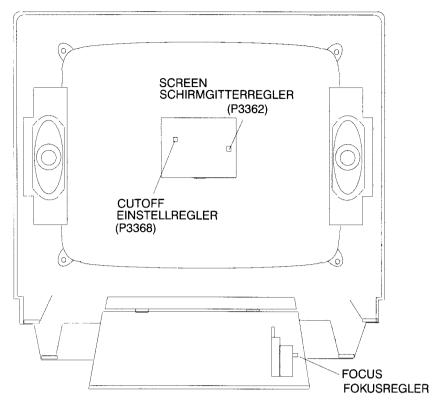


Fig.2 Abb.2

SERVICE HINTS

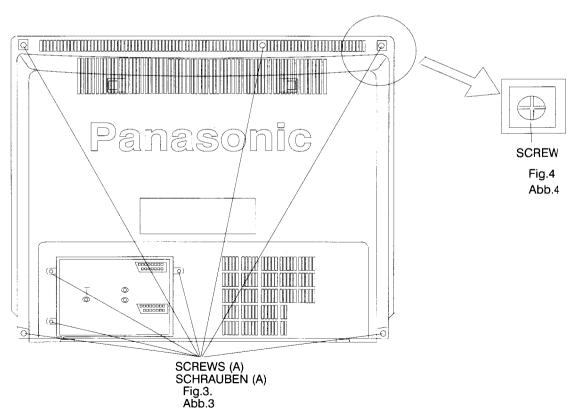
How to remove the rear cover

1. Remove the 8 screws (A) as shown in Fig.3/Fig.4.

SERVICE HINWEISE

Entfernien Der Geräterückwand

1. Die 8 Schrauben (A) entfernen, siehe Abb.3/Abb.4.

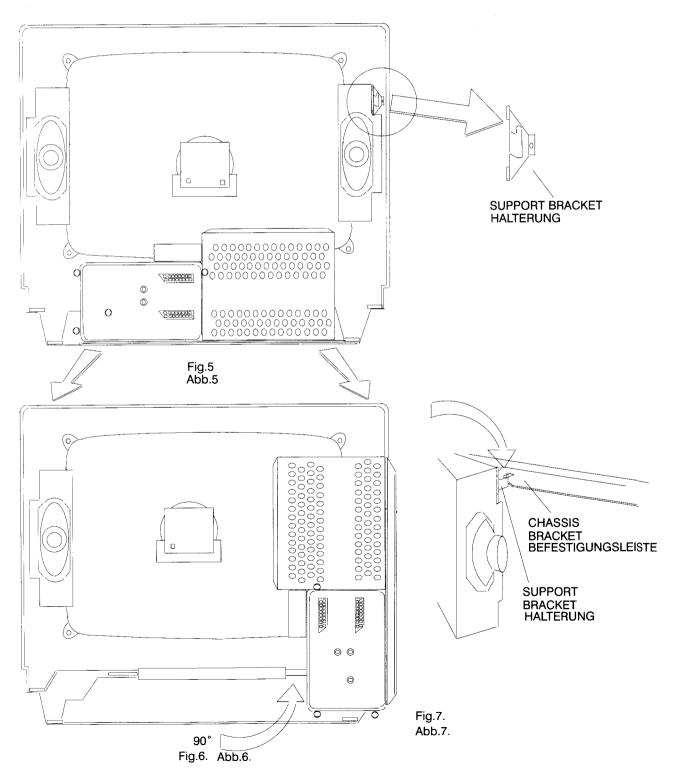


HOW TO MOVE THE CHASSIS INTO THE SERVICE POSITION

- 1. Hold and lift the rear of the E- PCB chassis as shown in Fig.5. and gently pull the chassis toward you.
- 2. Turn the chassis through 90° anti clockwise as shown in Fig.6.
- Clip the chassis bracket onto the support bracket as shown in Fig.6/Fig.7.
- After servicing ensure all wiring is returned to its original position before returning the receiver to the customer.

GERÄTECHASSIS IN REPARATURSTELLUNG BRINGEN

- Die Leiterplatts E wie in Abb.5 gezeigt hinten leicht anheben und vorsichtig nach hinten aus dem Gerät herausziehen.
- 2. Drehen Sie jetzt das Chassis um 90° entgegen dem Uhrzeiger in die Position wie in Abb.6 gezeigt.
- 3. Die Befestigungsleiste Geräterahmens wie in Abb. 6/Abb. 7 gezeigt in die seitliche Halterung einhängen.
- 4. Nach erfolgter Reparatur/Einstellung müssen die Leitungen wieder in ihre ursprüngliche Lage gebracht werden, bevor das FS Gerät an den Kunden Übergeben wird.



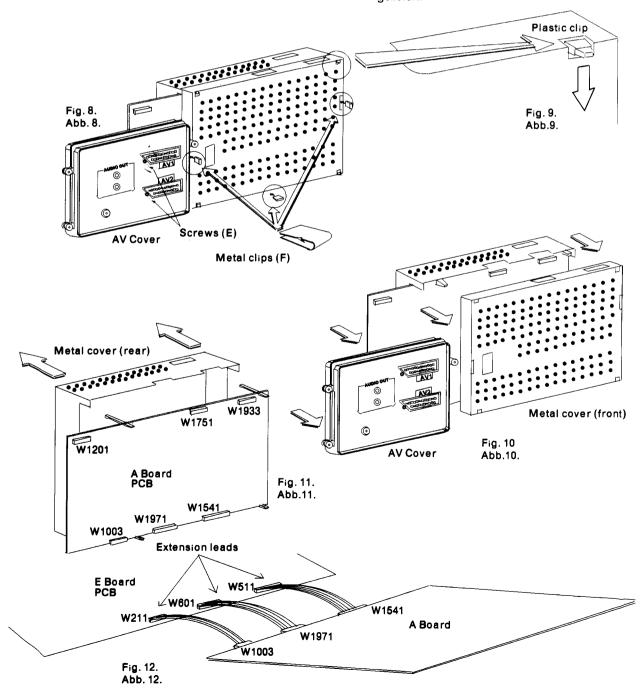
Service position for the A-Board

- Remove the A-board from the main chassis (E-board), ensuring all leads are disconnected.
- Remove the two screws (A) (Fig.8) from the plastic AV cover and unclip the AV cover from the A-board.
- Remove the three metal clips (B) (Fig.8) from the metal cover.
- Unclip the plastic clips at each corner of the front metal cover (Fig.9) and remove from the A-board (Fig.10).
 Do the same for the rear metal cover Fig11.
- 5. Fit the 3 extension leads to the A-board making sure that the A-board does not touch the E-board (Fig.12).
- After servicing ensure all wiring is returned to its original position before returning the receiver to the customer.
 Note: The extension lead wire kit is supplied as a service kit. (Part number TZS2EK025).

Reparaturstellung Für Leiterplatte A

- Die Leiterplatte A vom Hauptchassis (Leiterplatte E) abnehmen; vorher müssen alle Anschlusskabel abgezogen werden.
- Die beiden Schrauben A (Abb.8) aus der AV-Abdeckung aus Kunstoff herausschrauben und die AV-Abdeckung durch Ausclipsen von der Leiterplatte A abnehmen.
- Die drei Metallclips B (Abb.8) von der Metallabdeckung entfernen.
- Die Plastikclips an den Ecken der vorderen Metallabdeckung (Abb.9) ausclipsen und die Metallabdeckung von der Leiterplatte A abnehmen (Abb.10). Den gleichen Vorgang bei der hinteren Metallabdeckung wiederholen Abb11.
- Die drei Verlängerungskabel an die Leiterplatte A anschliessen; darauf achten, daß die Leiterplatte A die Platine E nicht berührt (Abb.12).
- Nach erfolter Reparatur/Einstellung müssen sämtliche Leitungen wieder in ihre ursprüngliche Lage gebracht werden, bevor das FS-Gerätan den Kunden Übergeben wird

Hinweis : Die Verlängerungskabel werden als Reparatur-Teilesatz unter der Bestell-Nr TZS2EK025 geliefert.



Adjustment Procedure

| Adjustment | Signal | Conditions | Adjustments | Settings/Special features |
|-------------------|-------------------------------|--|---------------------------|---|
| Operating voltage | Test pattern | 230 V - beam current 0 | Adjust P633 | Measure Cathode D651 so a Voltmeter shows +150V±0.5 |
| Focus | Test pattern | | Focus at line transformer | Optimum setting |
| Pilot filter | Receive a 54.7KHz signal | Place an oscilloscope on pin 19 IC1301 (APC2371) | Adjust L1321 | Max. amplitude |
| Video Input Level | Standard Colour Bar Signal | Place oscilloscope probe on pin 10 of IC1601(SAD2140). | Adjust P1227. | The oscilloscope trace must show 1.80V+/-0.05V p-p. |
| RF AGC | Standard colour bar signal | Placeanoscilloscopeon tuner AGC | Adjust P4703 clockwise | Slowly turn P4703 anti— clockwise, set P4703 where the RF AGC volt- age drops by 0.2V from maximum. |

The remote control is used for entering and storing adjustments, with the exception of cut—off adjustments which must always be done prior to service adjustment. Perform adjustments in accordance with screen display. The display on the screen also specifies the CCU variants as well as the approx. setting values. Before you enter the service mode, set contrast to 44 and brightness to 22 and store each of these values. The adjustment sequence for the service mode is indicated below.

- Set the Bass to maximum position, set the Treble to minimum position, press the Volume down on the customer controls at the front of the TV and at the same time press the Reset button on the remote control, this will place the TV into the Service Mode.
- 2. Press the RED / GREEN buttons to step up / down through the functions.
- Press the YELLOW / BLUE buttons to alter the function values.
- Press the STORE button on the preset panel after each adjustment has been made to store the required values.
- 5. To exit the Service Mode switch off the TV.

NOTE: This TV also has the option of using a Memory Pack which enables you to copy the preset TV channels into the Memory Pack and then download them onto this or any other EURO-1 TV set.

TV to Memory Pack process

- Plug the memory pack into the lower of the two 21 pin terminals at the back of the TV and switch the TV on. If the TV has only one 21 pin connector then this will be able to accept the memory pack.
- Go into the Service Mode as explained above. The screen will show: –

Program External>>TV

3. Press the blue button on the remote control. The screen will show: –

Program TV>>External

 Press the STORE button on the TV. The screen will show: –

Storing

5. All the tuning information stored inside the TV will now be transferred to the Memory Pack. This process will take 2-3 minutes to complete and when finished the screen will show:—

OK!

Memory Pack to TV Process

- Plug the memory pack into the lower of the two 21 pin terminals at the back of the TV and switch the TV on. If the TV has only one 21 pin connector then this will be able to accept the memory pack.
- Go into the Service Mode as explained above. The screen will show: –

Program External>>TV

Press the STORE button on the TV. The screen will show:-

Loading

4. All the tuning information stored inside the Memory Pack will now be transferred to the TV. This process will take 2-3 minutes to complete and when finished the screen will show:-

OK!

- The tuning information from the Memory Pack has now been copied into the TV
- 6. To exit from the Service Mode switch off the TV.
- 7. The process has now been completed and the Memory Pack can now be removed.

Errors

If an error occurs while using the Memory Pack the TV will detect this and the screen will show:-

Program Error!

If this happens then switch off the TV and then repeat the process that was being used. If the errors continue to occur then check the connectors between the TV and the memory pack and check the 9V battery inside the memory pack.

ABGLEICHVERFAHREN

| Abgleich | Signal | Bedingungen | Einstellung | Einstellung / Bes. Merkmale |
|--------------------|----------------------------|---|--------------------------------------|---|
| Betriebsspannung | Testbild | 230 V-Strahlstrom 0 | P633 abgleichen | Mit einem Voltmeter an der Katode von D651 +150V ±0.5 einstellen |
| Fokus | Testbild | | Am Zeilentrafo fokus- sieren | Optimale Einstellung |
| Pilottonfilter | Empfang 54.7 KHz Signal | Oszillograph an Pin 19 IC1301(APC2371) | L1321 abgleichen | Max. Amplitude |
| Videoeingangspegel | Farbbalkentestbild | Oszillograph an Pin 10 IC1601(SAD2140) | P1227 abgleichen | Oszillogram auf 1.80V+/-0.05ss einstellen |
| HF-Regelspannung | Farbbalkentestbild | Einen Oszillograph (DC-Modus) an Pin 4 vom Tuner an die AGC anschliessen | Regler P4703 auf Recht- sanschlag | P4703 langsam gegen den Uhrzeigersinn dre- hen, bis die AGC – Spannung um 0.2V vom Maximum absinkt. |

Die Fernbedienung dient zum Eingeben und Abspeichern der Einstellwerte, mit Ausnahme der Sperrpunkteinstellung, die grundsätzlich vor den hier beschriebenen Einstellungen vorgenommen werden muss. Die Einstellung erfolgt entsprechend dem Bildschirm-Display. Auf dem Bildschirm-Display erscheinen auch die CCU-Varianten sowie die ungefähren Einstellwerte. Vor dem Umschalten auf Service-Modus muss der Kontrast auf 44 und die Helligkeit auf 22 eingestellt werden, und diese Werte sind abzuspeichern. Die Einstellfolge für den Service-Modus ist nachstehend beschrieben.

4

5.

- Den Tiefenregler auf Höchstellung und den Höhenregler auf Mindeststellung stellen. Die Taste "Lautstärke Minus" am Bedienfeld vorne am FS-Gerät drücken und gleichzeitig die Taste "Reset" an der Fernbedienung betätigen. Hierdurch wird das FS-Gerät auf Service-Modus geschaltet.
- Die einzelnen Funktionen mit Hilfe der ROTEN und GRÜNEN Taste anwählen.

HINWEIS: Dieses FS – Gerät bietet auch die Möglichkeit eines Memory Pack, mit dem Sie die gewählten Fernsehkanäle abspeichern und auf jedes beliebige EURO1 FS – Gerät umkopieren können.

Kopieren der Einstelldaten vom FS-Gerät in das Memory Pack

- Das Memory Pack in die untere der beiden 21-poligen Steckerleisten an der Rückseite des FS-Geräts stecken und das Gerät einschalten. Wenn das FS-Gerät nur eine 21-polige Anschlussleiste hat, kann das Memory Pack auch an diese angeschlossen werden.
- 2. Wie schon oben beschrieben auf Service-Modus umschalten. Auf dem Bildschirm erscheint:

Program External>>TV

3. Nun die blaue Taste an der Fernbedienung betätigen. Auf dem Bildschirm erscheint:

Program TV>>External

4. Die Taste STORE am Fernseher drücken. Der Bildschirm meldet nun:

Storing

 Die im FS-Gerät abgespeicherten Kanal-Einstelldaten werden nun in das Memory Pack überspielt. Dieser Prozess nimmt zwei bis drei Minuten in Anspruch; bei abgeschlossener Datenübertragung meldet der Bildschirm:

OK!

Kopieren der Einstelldaten vom Memory Pack in das FS-Gerät

einzelnen Funktionen ändern.

abschalten

Mit der GELBEN und BLAUEN Taste die Werte der

Nach jeder Einstellung die Taste STORE am Bedienfeld

Zum Verlassen des Service-Modus das FS-Gerät

drücken, um die gewünschten Werte abzuspeichern.

- 1. Das Memory Pack in die untere der beiden 21-poligen Steckerleisten an der Rückseite des FS-Geräts stecken und das Gerät einschalten. Wenn das FS-Gerät nur eine 21-polige Anschlussleiste hat, kann das Memory Pack auch an diese angeschlossen werden.
- Wie schon oben beschrieben auf Service-Modus umschalten. Auf dem Bildschirm erscheint:

Program External>>TV

Die Taste STORE am Fernseher drücken. Der Bildschirm
 meldet nun:

Loading

 Die im Memory Pack abgespeicherten Einstelldaten werden nun in das FS-Gerät überspielt. Dieser Prozess nimmt zwei bis drei Minuten in Anspruch; bei aggeschlossener Datenübertragung meldet der Bildschirm:

OK!

- 5. Die Kanal Einstelldaten sind damit vom Memory Pack in das FS Gerät überspielt.
- Zum Verlassen des Service-Modus das FS-Gerät abschalten
- Der Kopiervorgang ist somit abgeschlossen, und das Memory Pack kann von der Steckerleiste abgezogen werden.

Fehler

Falls bei Gebrauch des Memory Pack Fehler aufreten, zeigt das FS-Gerät dies auf dem Bildschirm mit der folgenden Meldung an:

Program Error!

In diesem Fall muss das FS-Gerät abgeschaltet und anschliessend der Vorgang wiederholt werden. Falls weiterhin Fehlermeldungen erscheinen, müssen die Anschlusskontakte zwischen FS-Gerät und Memory Pack sowie die 9V Batterie im Memory Pack kontrolliert werden.

Alignment Settings(TX29AD1C)

| Alignment Function | Display | Settings / Special features |
|---------------------------------|-------------------------------------|--|
| Vertical amplitude | V-AMP 154 Amplitude 154 | |
| 2. Vertical symmetry | V-SYM 018 Symmetry 018 | |
| 3. Vertical linearity | V-LIN 015 Linearity 015 | Optimum setting |
| 4. Horizontal amplitude | H-AMP 055 Amplitude 055 | |
| 5. Horizontal position | H-POS 002 Position 002 | |
| 6. EW-amplitude | E-W-AMP 1 106 EW-Ampl.1 106 | Optimum setting |
| 7. EW-amplitude | E-W-AMP 2 037 EW-Ampl.2 037 | Optimum setting |
| 8. Trapezium-comp | TRAPEZ-1 144 Trapez1 144 | Optimum setting |
| 9. Trapezium- comp | TRAPEZ-2 034 Trapez2 034 | Optimum setting |
| 10. Switch-over point | SW-OVER-1 028 SW-Over1 028 | Optimum setting |
| 11. Switch-over point | SW-OVER-2 155 SW-Over2 155 | Do not adjust |
| 12. Y-delay | Y-DELAY 011 Y-Delay 011 | Optimum setting |
| 13. Sub-carrier osc. adjustment | COLOUR-VCO 033 Colour VCO 033 | Set frequency |
| 14. Screen | SCREEN 040 007 010 | To adjust the screen settings. Turn P3362 to minimum, place an oscilloscope probe on the cathode with the highest output and adjust P3368 so the oscilloscope trace reads 160V \pm 5V then turn P3362 up so the highest numbered box on the TV screen reads 040 \pm 010. |
| 15. Low light | 100 LIGHT 052 061 040 | Press the GREEN button to step through the settings Select a colour and adjust until the picture is black and white. The colour which has the lowest number in (SCREEN) mode should not be adjusted. Please note there is a time delay when adjusting LOW LIGHT. |
| 16. High light | HIGH LIGHT 205 218 255 | Press the GREEN button to step through the settings. |

9

Abgleichtabelle (TX29AD1C)

| Abgleichfunktion | Display | Einstellung/Besondere Merkmale |
|--|-------------------------------------|---|
| Vertikale Amplitude | V-AMP 154 Amplitude 154 | |
| 2. Vertikale Symmetrie | V-SYM 018 Symmetry 018 | |
| 3. Vertikale Linearität | V-LIN 015 Linearity 015 | Optimale Einstellung |
| Horizontale Amplitude | H-AMP 055 Amplitude 055 | |
| 5. Horizontale Position | H-POS 002 Position 002 | |
| 6. OW-Amplitude | E-W-AMP 1 106 EW-Ampl.1 106 | Optimale Einstellung |
| 7. OW-Amplitude | E-W-AMP 2 037 EW-Ampl.2 037 | Optimale Einstellung |
| 8. Trapez-Kompensation | TRAPEZ-1 144 Trapez1 144 | Optimale Einstellung |
| 9. Trapez-Kompensation | TRAPEZ-2 034 Trapez2 034 | Optimale Einstellung |
| 10. Umschaltpunkt | SW-OVER-1 028 SW-Over1 028 | Optimale Einstellung |
| 11. Umschaltpunkt | SW-OVER-2 155 SW-Over2 155 | Nicht einstellen |
| 12. Y—Verzögerung | Y-DELAY 011 Y-Delay 011 | Optimale Einstellung |
| 13. Einstellen der Hilfsträger- Schwebung | COLOUR-VCO 033 Colour VCO 033 | Schwebung einstellen |
| 14. Bildschirm | SCREEN 040 007 010 | Zum Einstellen des Bildschirms stellen Sie den Regler P3362 (Bildschirm dunkel) auf Linksanschlag. Schließen Sie einen Oszillographen an die Rotkathode an und stellen mit P3368einen Wert von 160V±5V Gleichspannung ein. Anschließend stellen. Sie, P3362 so ein, daß in dem Farbfeld mit dem höchsten Wert eine Anzeige von ca. 040±010 erreicht wird. Bei richtiger Einstellung wird als Kontrolle das Ton-Muting aufgehoben. |

Abgleichtabelle (TX-29AD1C)

| 15. Schwarzwerte | LOW LIGHT 052 061 040 | Wählen Sie mit der roten und grünen Taste das Feld der einzustellenden Farben an und verändern Sie die angezeigten Werte solange, bis das Schwarzweißbild einwandfrei ist. Die Farbe, die unter Punkt 14 (Screen) den niedrigsten Wert hatte, braucht nicht eingestellt werden. Bitte beachten Sie, daß zwischen der Anzeigeänderung und der tatsächlichen Farbänderung eine kurze Zeitdifferenz besteht. |
|------------------|------------------------|---|
| 16. Weisswerte | HIGH LIGHT 205 218 255 | Die Einstellungen mit Hilfe der GRÜNEN Taste anwählen. |

Abgleichtabelle (TX-25AD1C)

| 15. Schwarzwerte | LOW LIGHT 054 039 053 | Wählen Sie mit der roten und grünen Taste das Feld der einzustellenden Farben an und verändern Sie die angezeigten Werte solange, bis das Schwarzweißbild einwandfrei ist. Die Farbe, die unter Punkt 14 (Screen) den niedrigsten Wert hatte, braucht nicht eingestellt werden. Bitte beachten Sie, daß zwischen der Anzeigeänderung und der tatsächlichen Farbänderung eine kurze Zeitdifferenz besteht. |
|------------------|------------------------|---|
| 16. Weisswerte | HIGH LIGHT 211 235 255 | Die Einstellungen mit Hilfe der GRÜNEN Taste anwählen. |

HINWEIS:

Verlassen Sie den Service- mode entweder durch Druck auf die RESET- Taste oder durch Betätigung des Netzschalters.

Alignment Settings (TX25AD1C)

| Alignment Function | Display | Settings / Special features |
|---------------------------------|-------------------------------------|--|
| Vertical amplitude | V-AMP 150 Amplitude 150 | |
| 2. Vertical symmetry | V-SYM 024 Symmetry 024 | |
| 3. Vertical linearity | V-LIN 021 Linearity 021 | Optimum setting |
| 4. Horizontal amplitude | H-AMP 067 Amplitude 067 | |
| 5. Horizontal position | H-POS 002 Position 002 | |
| 6. EW-amplitude | E-W-AMP 1 048 EW-Ampl.1 048 | Optimum setting |
| 7. EW-amplitude | E-W-Amp 2 044 EW-Ampl.2 044 | Optimum setting |
| 8. Trapezium-comp | TRAPEZ-1 060 Trapez 1 060 | Optimum setting |
| 9. Trapezium- comp | TRAPEZ-2 056 Trapez 2 056 | Optimum setting |
| 10. Switch-over point | SW-OVER-1 024 SW-Over 1 024 | Optimum setting |
| 11. Switch-over point | SW-OVER-2 142 SW-Over 2 142 | Do not adjust |
| 12. Y – delay | Y-DELAY 010 Y-Delay 010 | Optimum setting |
| 13. Sub-carrier osc. adjustment | Colour-VCO 043 Colour VCO 043 | Set frequency |
| 14. Screen | SCREEN 040 007 010 | To adjust the screen settings. Turn P3362 to minimum, place an oscilloscope probe on the cathode with the highest output and adjust P3368 so the oscilloscope trace reads 170V±5V then turn P3362 up so the highest numbered box on the TV screen reads 040 ± 010. |
| 15. Low light | LOW LIGHT 054 039 053 | Press the GREEN button to step through the settings Select a colour and adjust until the picture is black and white. The colour which has the lowest number in (SCREEN) mode should not be adjusted. Please note there is a time delay when adjusting LOW LIGHT. |
| 16. High light | HIGH LIGHT 211 235 255 | Press the GREEN button to step through the settings. |

Abgleichtabelle (TX25AD1C)

| Abgleichfunktion | Display | Einstellung/Besondere Merkmale |
|--|---------------------------------------|---|
| 1. Vertikale Amplitude | V-AMP 150 Amplitude 150 | |
| 2. Vertikale Symmetrie | V-SYM 024 Symmetry 024 | |
| 3. Vertikale Linearität | V-LIN 021 Linearity 021 | Optimale Einstellung |
| 4. Horizontale Amplitude | H-AMP 067 Amplitude 067 | e e e e e e e e e e e e e e e e e e e |
| 5. Horizontale Position | H-POS 002 Position 002 | |
| 6. OW-Amplitude | E-W-AMP 1 048 EW-Ampl.1 048 | Optimale Einstellung |
| 7. OW-Amplitude | E-W-Amp 2 044 EW-Ampl.2 044 | Optimale Einstellung |
| 8. Trapez-Kompensation | TRAPEZ-1 060 Trapez 1 060 | Optimale Einstellung |
| 9. Trapez-Kompensation | TRAPEZ-2 056 Trapez 2 056 | Optimale Einstellung |
| 10. Umschaltpunkt | SW-OVER-1 024 SW-Over 1 024 | Optimale Einstellung |
| 11. Umschaltpunkt | SW-OVER-2 142 SW-Over 2 142 | Nicht einstellen |
| 12. Y-Verzögerung | Y-DELAY 010 Y-Delay 010 | Optimale Einstellung |
| 13. Einstellen der Hilfsträger- Schwebung | Colour – VCO 043 Colour VCO 043 | Schwebung einstellen |
| 14. Bildschirm | SCREEN 040 007 010 | Zum Einstellen des Bildschirms stellen Sie den Regler P3362 (Bildschirm dunkel) auf Linksanschlag. Schließen Sie einen Oszillographen an die Rotkathode an und stellen mit P3368einen Wert von 170V±5V Gleichspannung ein. Anschließend stellen. Sie, P3362 so ein, daß in dem Farbfeld mit dem höchsten Wert eine Anzeige von ca. 040±010 erreicht wird. Bei richtiger Einstellung wird als Kontrolle das Ton-Muting aufgehoben. |

13

Fixed Mode Operation

This will reset to the following listed settings and TV systems to assist fault-finding and servicing of the TV set.

Use the Service Remote Control (Part No. TZS2EK004) to enter the fixed mode operation as follows.

Press the Service button, located between the Off Timer and Audio Out buttons, plus one of the following numeric keys to select the desired TV system and listed functions:-

| 1 | Fixed data + PAL |
|---|---------------------------|
| 2 | Fixed data + SECAM |
| 3 | Fixed data $+ M-NTSC$ |
| 4 | Fixed data + NTSC |

Fixed Data

| Power On |
|-------------------------------|
| AV On (AV1) |
| Colour Mid |
| Brightness Mid |
| Contrast Max |
| Sharpness Mid |
| Ec Mode Off |
| RGB Interrupt Off |
| Text Processor TV |
| OSD Off |
| Volume Position 8 of 64 steps |
| Balance Centre |
| Bass Centre |
| Treble Centre |
| Music / Speech Music |

Integrated Circuit Information

| MCU | Master Clock Unit |
|------|---------------------------------------|
| VDU | Video Display Unit |
| DFU | Digital Feature Unit |
| ACVP | Adaptive Comb and Video Processor |
| DPU | Deflection Processing Unit |
| SPU | SECAM Processing Unit |
| DTI | Digital Transient Improvement |
| SAD | S.VHS Analogue / Digital Converter |
| TPU | Teletext Processor Unit |
| CCU | Central Control Unit |
| ACP | Audio Control Processor |

Service-Mode der Festspeicherdaten

Dieser Servicemode setzt alle unten aufgelisteten Daten und das Farbsystem auf die unten beschriebenen Werte, um eine einfache Fehlerdiagnose durchzuführen.

Verwenden Sie bitte die spezielle Service-Fernbedienung (E-Teil Nr: TZS2EK004), um in den Servicemode zu gelangen. Drücken Sie die Service – Taste zwischen der Off – Timer – und der Audio-Out Taste und danach die Zahl für das entsprechende Farbsystem.

| 1 | | | | | | | Festdaten für PAL |
|---|--------------|--------|------|----|------|------------|--------------------------|
| 2 | <i>.</i> | | | ٠. | | | Festdaten für SECAM |
| 3 | | ٠. | | | | <i>.</i> . | Festdaten für M-NTSC |
| 4 | | | | | | | Festdaten für NTSC |

| Festdaten |
|-------------------------------|
| Netzfunktion EIN |
| AV-Eingang EIN (AV1) |
| Farbkontrast MITTELSTELLUNG |
| Helligkeit MITTELSTELLUNG |
| Kontrast MAXIMUM |
| Bildschärfe MITTELSTELLUNG |
| Schaltspg. Pin8 AUS |
| Schaltspg. Pin6 AUS |
| Videotextprozessor TV-BETRIEB |
| Menueeinblendung AUS |
| Lautstärke POS 8 VON 64 |
| SCHRITTEN |
| Balance MITTELSTELLUNG |
| Bässe MITTELSTELLUNG |
| Höhen MITTELSTELLUNG |
| Musik/Sprache MUSIK |

Integrierter Schaltkreis Informationen

| MCU | Master Clock Einheit |
|------|---|
| VDU | Video Anzeige / Einblendungs Einheit |
| DFU | Digital Prozessor Einheit (CTI+LTI) |
| ACVP | Comb – Filter und Videoprozessor |
| DPU | Ablenkstufen Prozessor Einheit |
| SPU | SECAM Prozessor Einheit |
| DTI | Digitale Kantenschärfen Verbesserung |
| SAD | S.VHS Analog / Digital Umwandler |
| TPU | Videotext Prozessor Einheit |
| CCU | Zentralcomputer Kontroll Einheit |
| ACP | Audio Controll Prozessor |

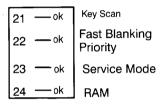
SELF CHECK

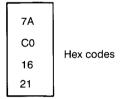
Self check is used to automatically check the Bus Lines and Hexadecimal code of the TV set.

To get into the Self Check mode press Volume down button, on the Preset Panel, at the same time pressing the Off—Timer button, on the Remote Control, and the screen will show:—

| 1 — ok | Tuner | 11 — ok | SCL1 |
|---------|---------------------|---------|----------------|
| 2 — ok | VIF | 12 — ok | SCL2 |
| 3 — ok | EEPROM | 13 — ok | SHU |
| 4 — ok | Sound AV | 14 — ok | SDA |
| 5 — | Sound AV switch2 | 15 — ok | LXB |
| 6 — ok | Video AV switch1 | 16 — ok | IM switching 4 |
| 7 — ok | Video AV switch2 | 17 — ok | IM switching 5 |
| 8 | Sat tuner | 18 — ok | Reset TPU |
| 9 — ok | IM bus1 | 19 — ok | Reset APU |
| 10 — ok | IM bus2 | 20 — ok | Stand By LED |

If the CCU ports have been checked and found to be incorrect then "-" will appear in place of "OK".





Reset Analogue Values

After exiting from the Self Check mode the set will have reset the EEPROM to the values descibed below: –

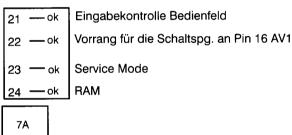
| EEPROM to the values descibed below: - |
|--|
| Recall Off |
| Last programme 1 |
| Music / Speech Music |
| Last AV AV1 |
| Sound Multi Stereo, S1 |
| Balance Centre |
| Programme data (0-99) AFC On |
| |
| Sets to normal levels Volume |
| Bass |
| Treble |
| Colour |
| Brightness |
| Tint |
| Contrast |
| Sharpness |

SELBSTDIAGNOSE

Die Selbstdiagnose dient zum automatischen Prüfen der Bus-Leitungen sowie des Hexadezimalcodes des FS-Geräts. Zum Umschalten auf Selbstdiagnose die Taste "Lautsärke Minus" am Bedienfeld des Geräts und gleichzeitig die Taste "Off-Timer" an der Fernbedienung drücken; auf dem Bildschirm erscheint hierauf:

| | | | 1 | | | | |
|----------|---|----|---|----|---|----|--------------------------------|
| 1 | | ok | Tuner | 11 | _ | ok | SCL1 |
| 2 | | ok | ZF-Verstärker | 12 | _ | ok | SCL2 |
| 3 | _ | ok | EEPROM | 13 | | ok | SHU |
| 4 | _ | ok | Audio AV-Schalter 1 | 14 | _ | ok | SDA |
| 5 | _ | | Audio | 15 | _ | ok | LXB |
| 6 | | ok | AV-Schalter 2 Video AV-Schalter 1 | 16 | _ | ok | Intermetallbus Umschaltung4 |
| 7 | _ | ok | Video AV-Schalter 2 | 17 | _ | ok | Intermetallbus Umschaltung5 |
| 8 | _ | | Sat-Tuner | 18 | _ | ok | Rücksetzen TPU |
| 9 | | ok | IM-BUS1 | 19 | _ | ok | Rücksetzen APU |
| 10 | | ok | IM-BUS2 | 20 | _ | ok | LED-für |
| <u> </u> | | | 1 | | | | Bereitschaftsan- zeige |

Wenn der Hauptprozessor (CCU) an den Anschlüssen einen Fehler finden sollte, oder der Anschluss nicht belegt ist (zB. :Sat-Tuner nicht eingebaut), zeigt die entsprechende Position - anstelle von OK an.



| 7A | |
|----|--------------------|
| C0 | Hexadezimalcode |
| 16 | , ronadoziinaioodo |
| 21 | |

Rücksetzen der Analogwerte

Nach dem Verlassen des Selbstdiagnosemodus durch Drücken einer beliebigen Taste auf der Fernbedienung oder am Bedienfeld des FS-Gerätes, werden folgende Positionen zurückgesetzt:

| des i 3-derates, werden lorgende i o | silionen zuruckgeseiz |
|--------------------------------------|-----------------------|
| Programmanzeige | AUS |
| Programmposition | 1 |
| Musik/Sprache | MUSIK |
| AV-Eingang | AV1 |
| Audio-Signal | STEREO/BZW,S1 |
| Balance | MITTELSTELLUNG |
| Programmplatzdaten (0-99) | AFC ON |
| Farbsystemauswahl | AUTO |
| Feinabstimmung | MITTELSTELLUNG |
| Auf werksseitig gesetzte Normalwerte | LAUTSTÄRKE |
| | BÄSSE |
| | HÖHEN |
| | FARBKONTRAST |
| | HELLIGKEIT |
| | TINT (NUR NTSC) |
| | KONTRAST |

..... BILDSCHÄRFE

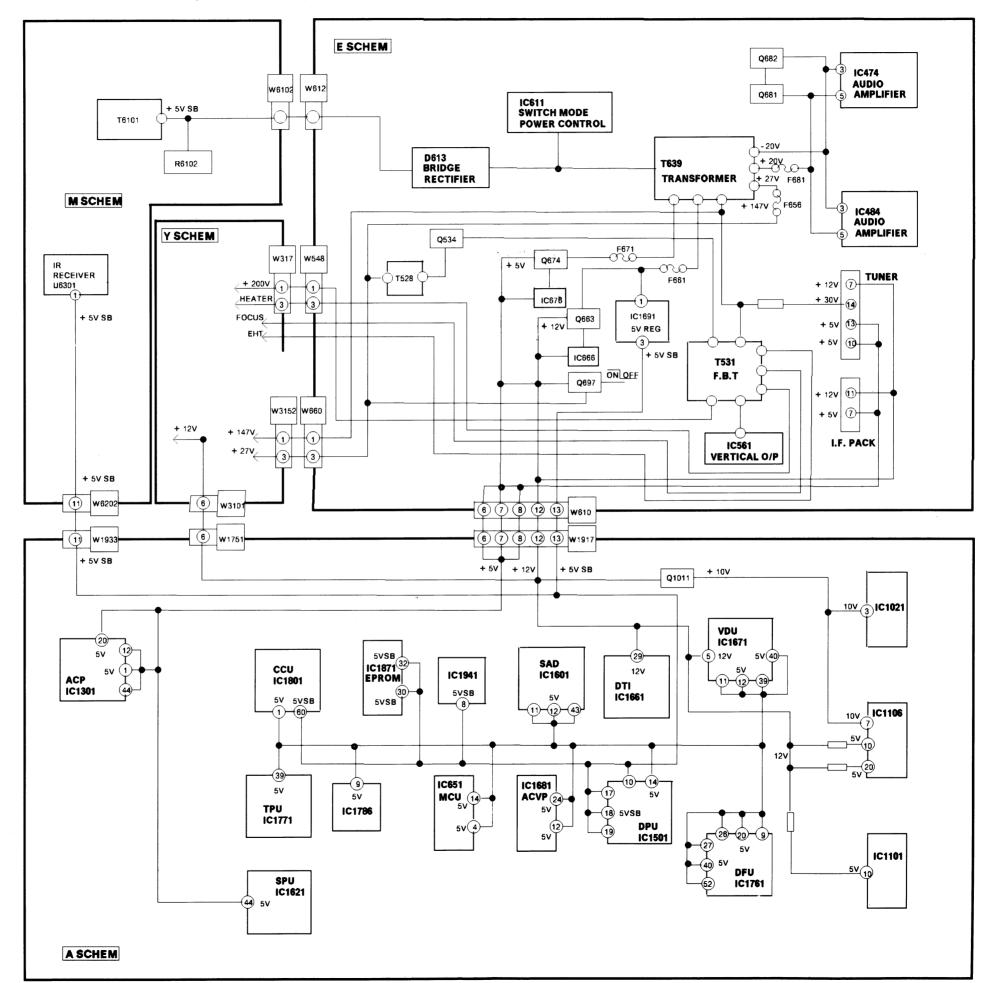
NOTES

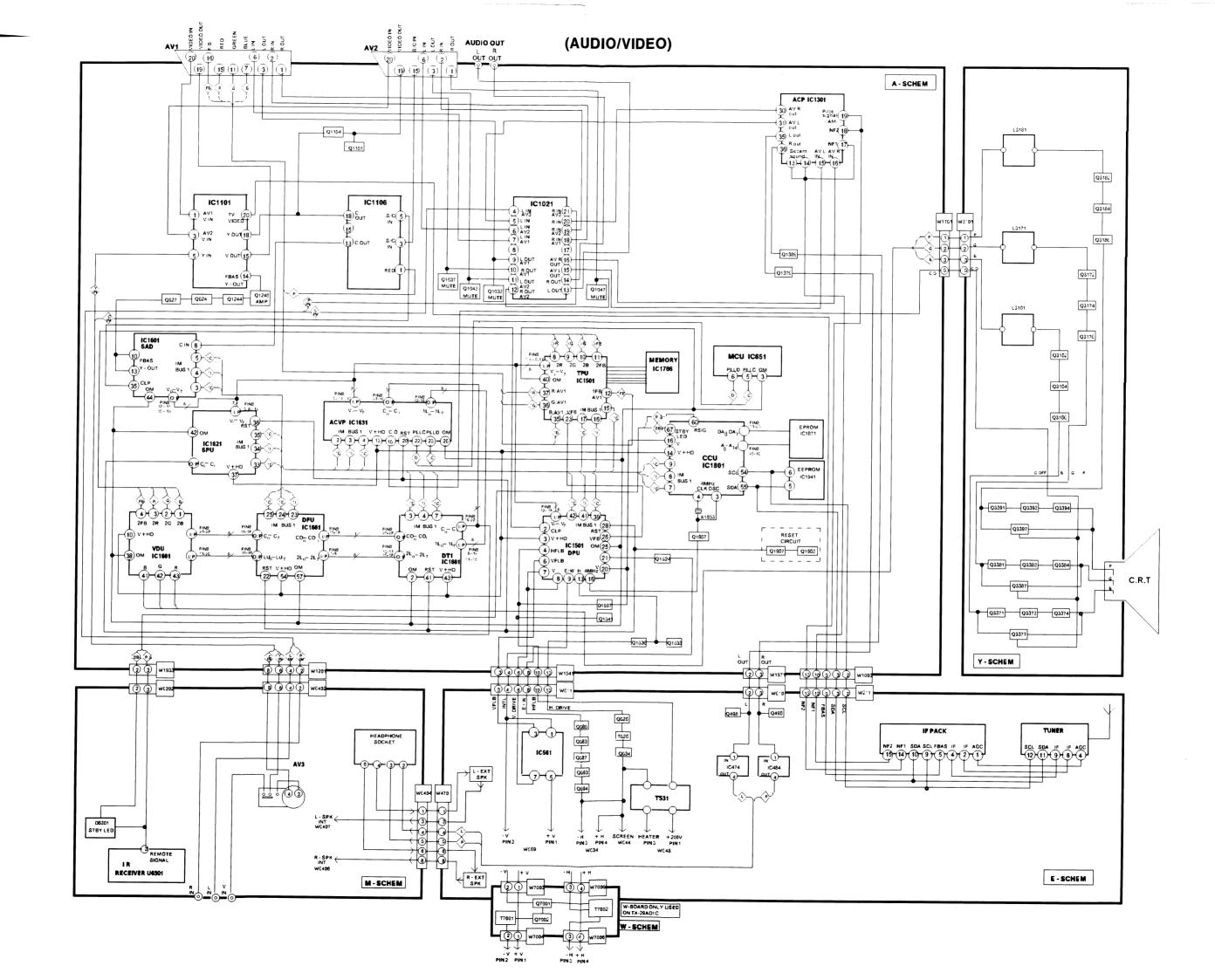
BLOCK DIAGRAM

BLOCKSCHALTBILD

(POWER LINE)

(SPANNUNGSVERSORGUNGSWEG)





CONDUCTOR VIEWS

ANSICHT DER LEITERBAHNEN

E-BOARD TNP8EE002

2

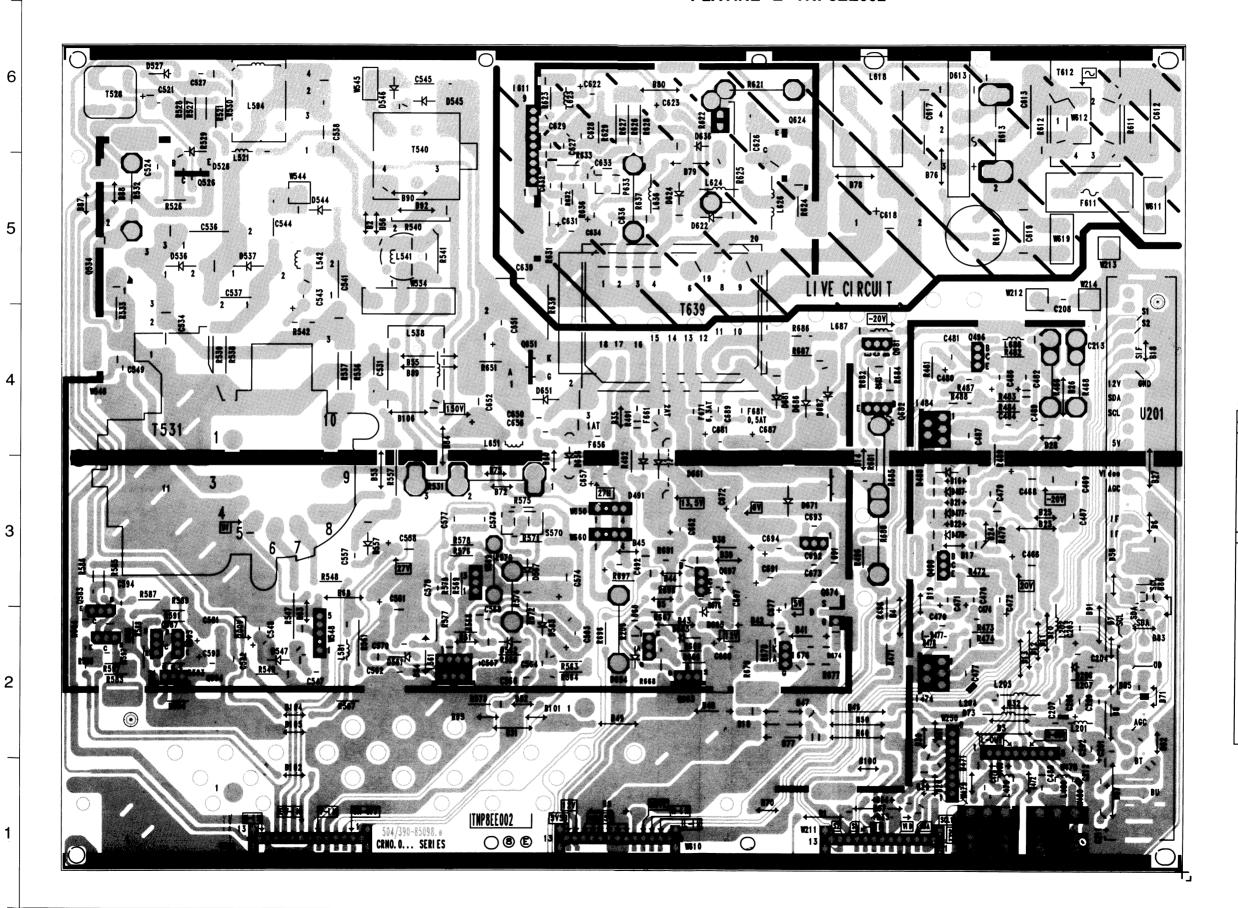
Α

В

С

D

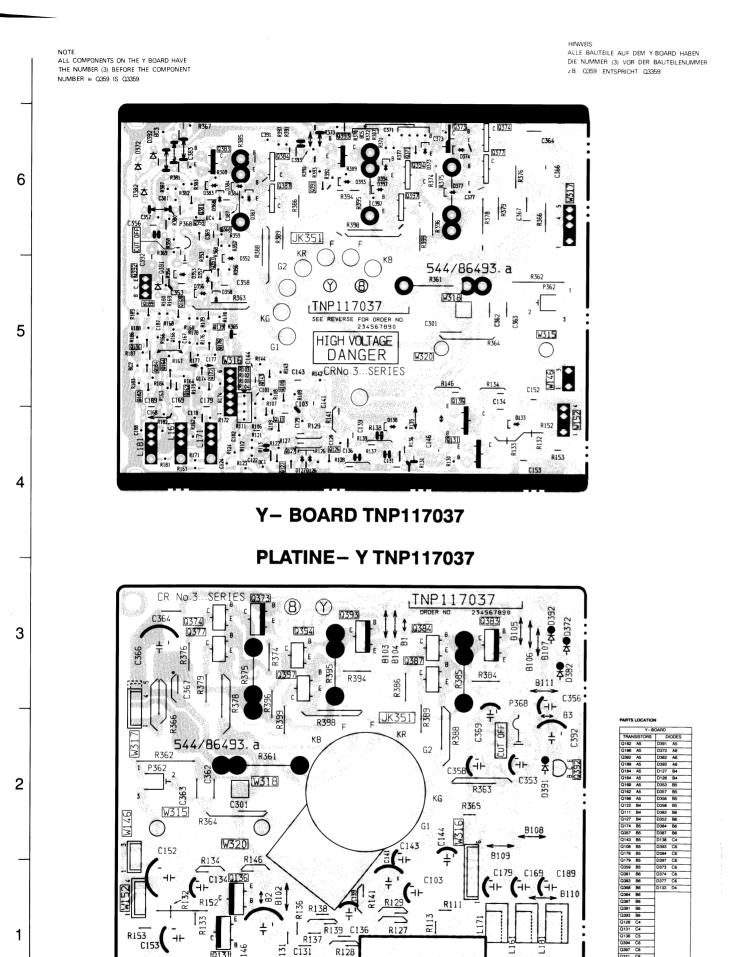
PLATINE E TNP8EE002



| PARTS | LOCATION | N | | |
|-------|----------|-----|------|-----|
| E-BC | ARD |] | E-BC | ARD |
| | С |] | Dic | ode |
| IC561 | C2 | | D527 | A6 |
| IC611 | D6 | | D547 | B2 |
| IC666 | E2 | | D526 | B5 |
| IC676 | F2 | | D536 | B5 |
| IC691 | F2 | П | D537 | B5 |
| IC484 | F4 | | D544 | B5 |
| IC474 | G2 | | D561 | C2 |
| | | | D557 | ස |
| Trans | sistor |] | D562 | D2 |
| Q583 | A2 | | D563 | D2 |
| Q585 | A2 | | D656 | D3 |
| Q587 | A2 | | D567 | D3 |
| Q534 | A5 | | D651 | D4 |
| Q593 | B2 | | D663 | E2 |
| Q594 | B2 | П | D665 | E2 |
| Q526 | B5 | | D694 | E2 |
| Q651 | D4 | | D491 | E3 |
| Q663 | E2 | Н | D661 | E3 |
| Q697 | E3 | | D681 | E4 |
| Q674 | F3 | | D622 | E5 |
| Q681 | F4 | | D624 | E5 |
| Q682 | F4 | | D636 | E5 |
| Q624 | F6 | | D671 | F3 |
| 0498 | G3 | | D686 | F4 |
| 0496 | G4 | | D687 | F4 |
| | | | D206 | G2 |
| | | - 1 | D477 | G3 |
| | | - 1 | D478 | G3 |
| | | | D487 | G3 |
| | | | D488 | G3 |
| | | | D613 | G6 |
| | | | | |

G

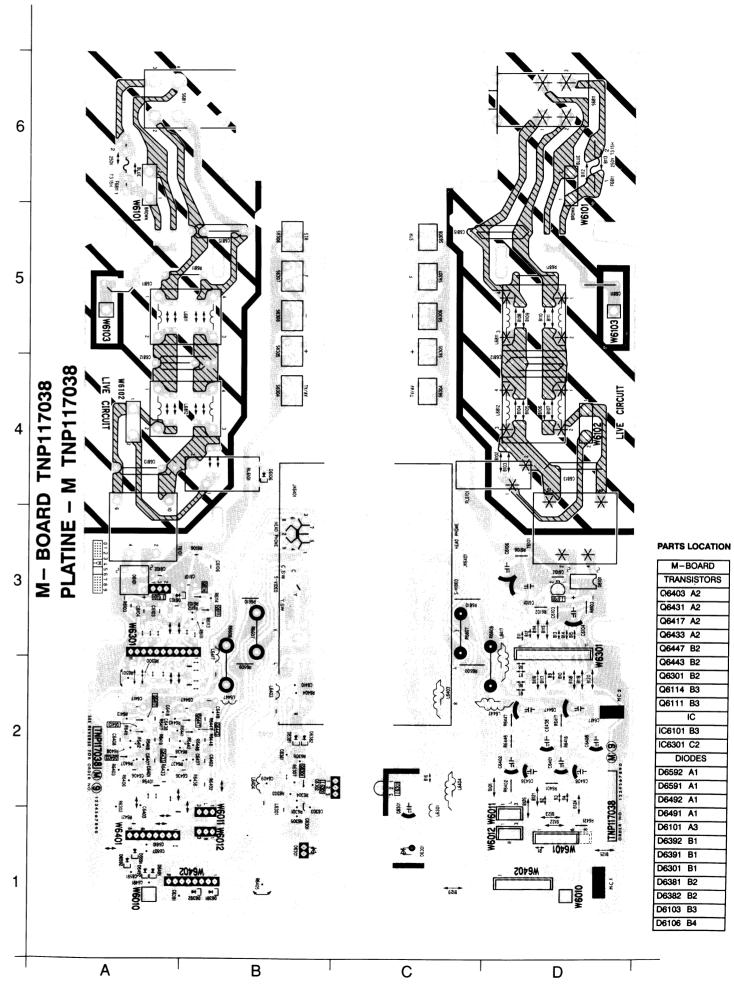
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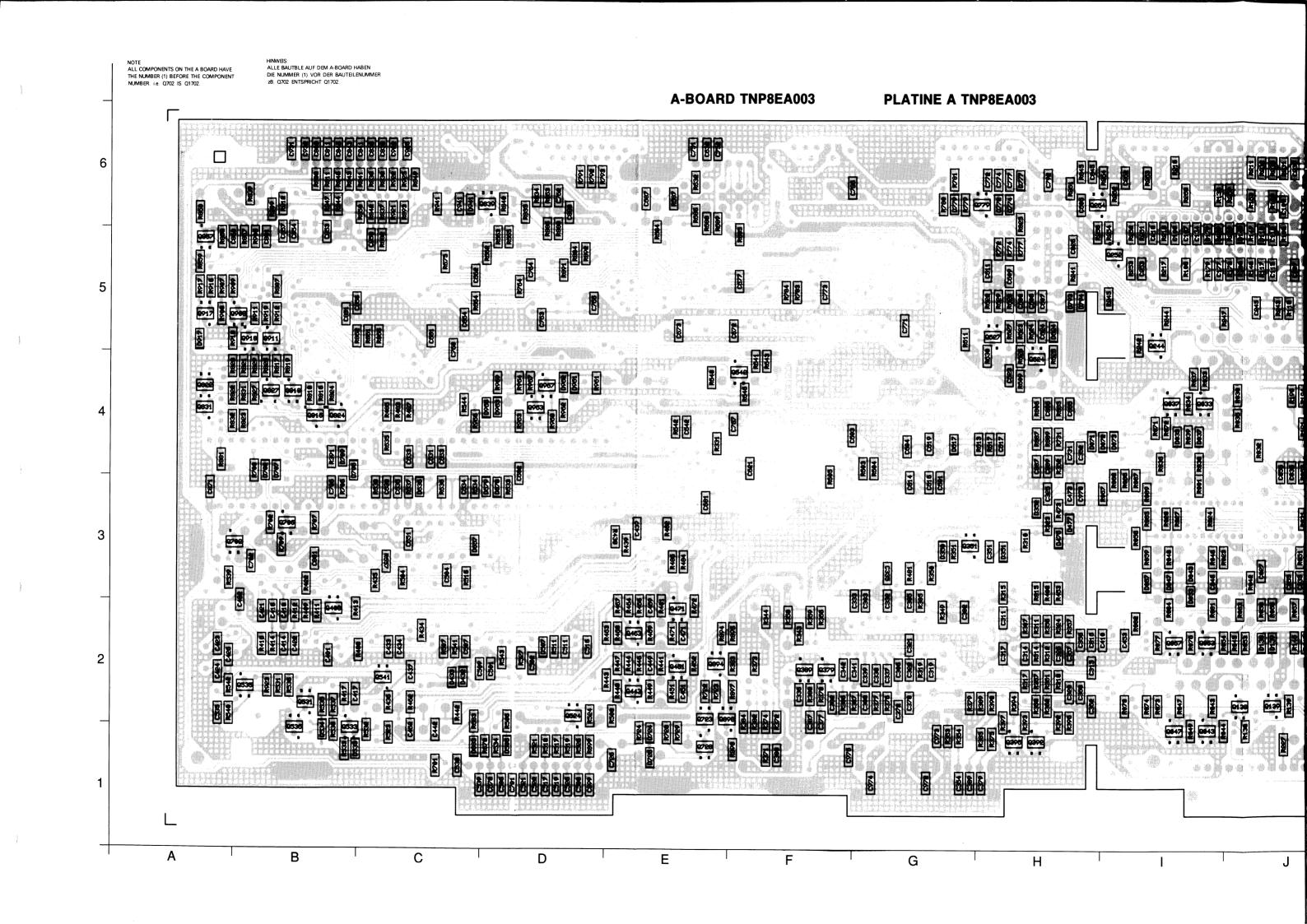
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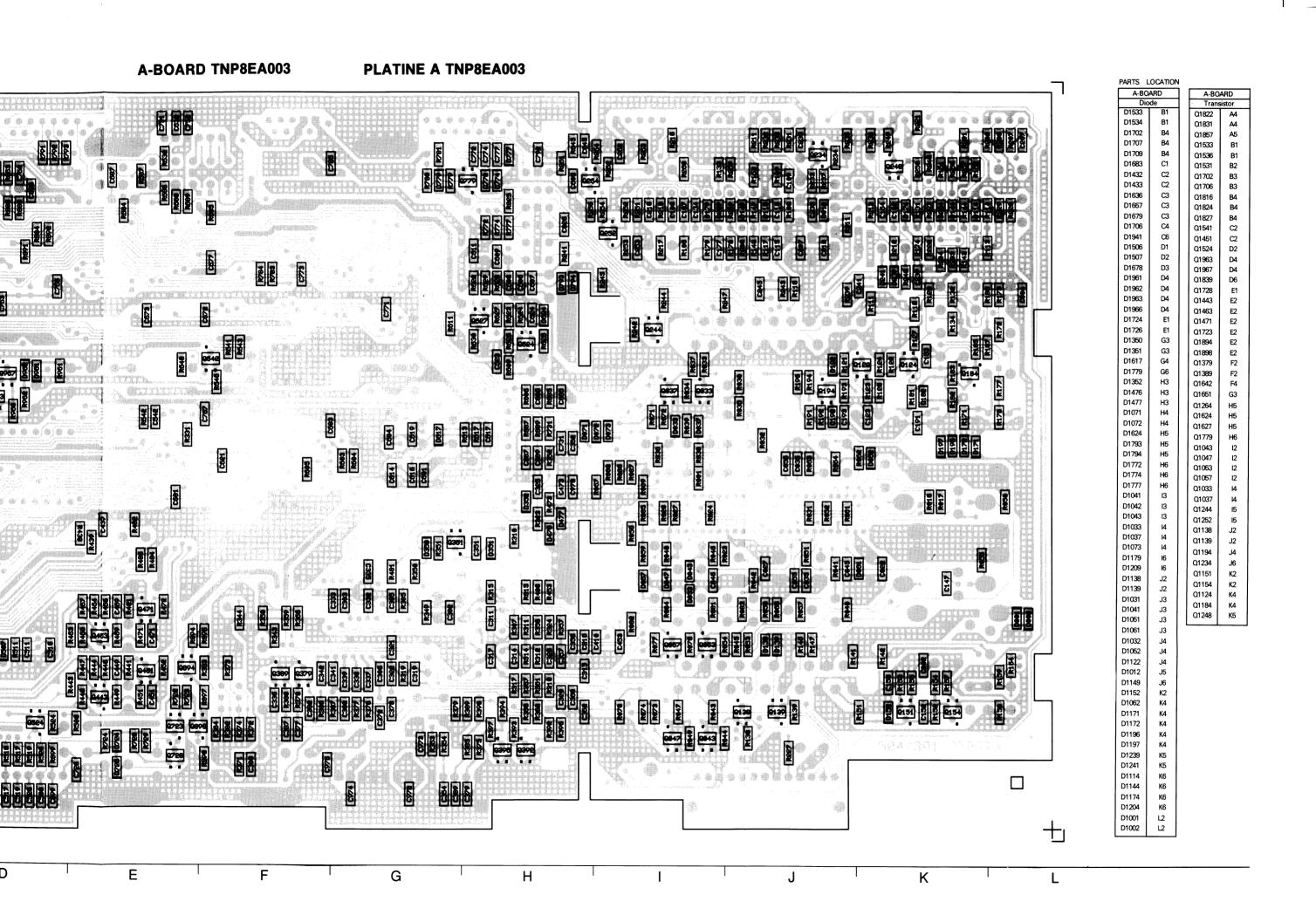
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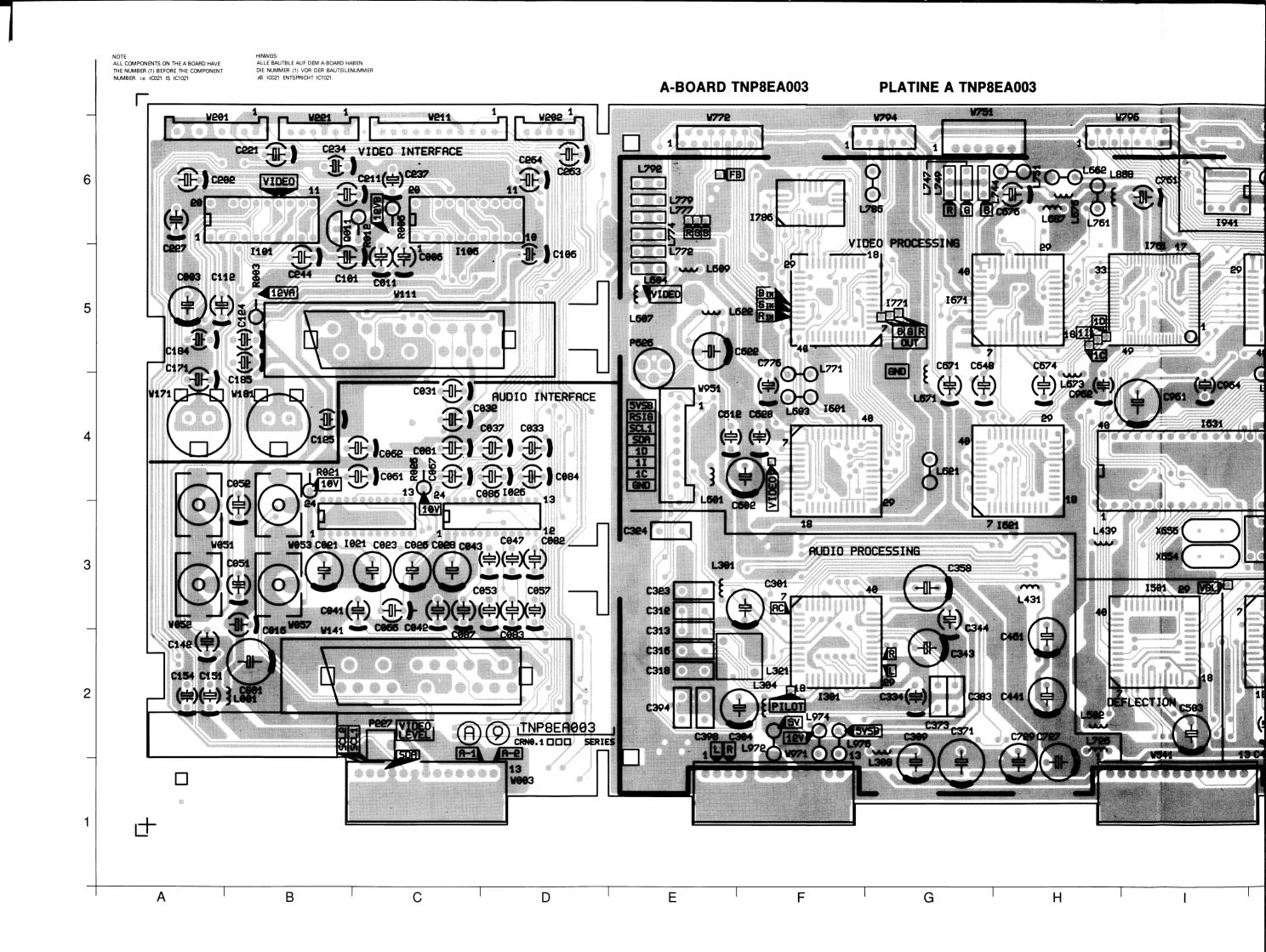
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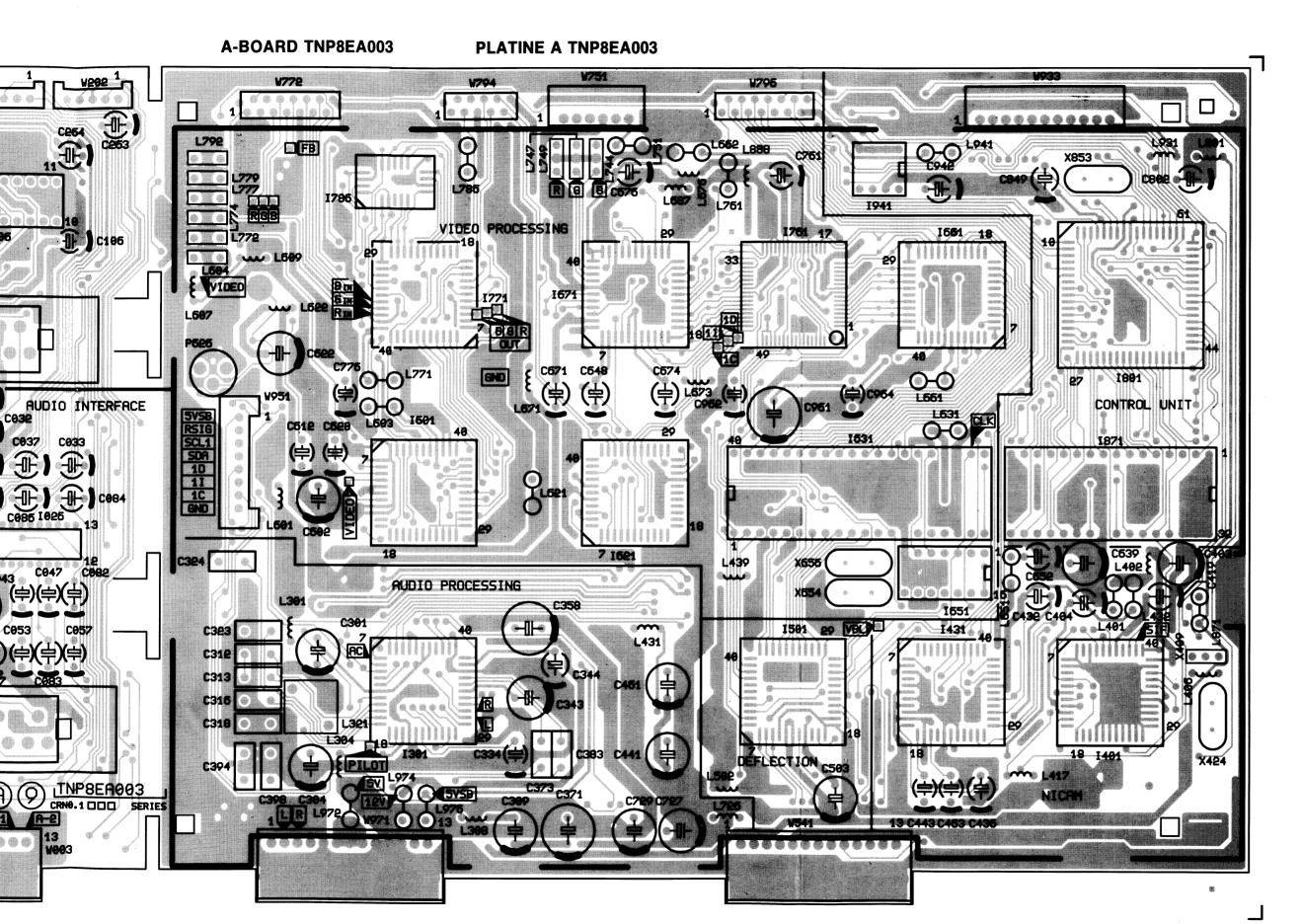


Α









PARTS LOCATION A-BOARD IC1101 IC1106 F4 F6 G5 IC1601 IC1786 IC1671 G5 H1 IC1771 IC1621 IC1501 IC1941 IC1631 IC1761 IC1651 IC1661 IC1871 K4 IC1801 K5 Transistor Q1011 C6

D E F G H I J K L

NOTE: ALL COMPONENTS ON THE B BOARD HAVE THE NUMBER (4) BEFORE THE COMPONENT NUMBER. ie 1C700 IS IC4700.

6

5

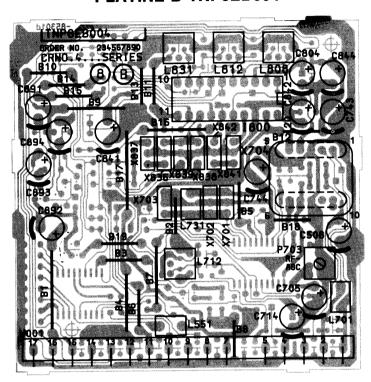
4

3

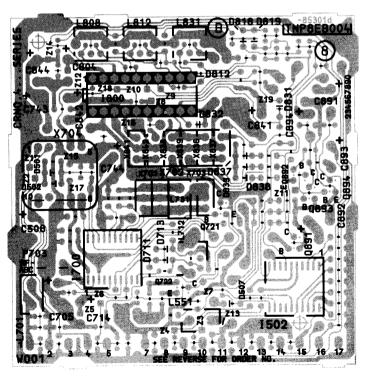
2

ALLE BAUTELE AUF DEM B-BOARD HABEN
DIE NUMMER (4) VOR DER BAUTELENUMMER,
z.B. IC700 ENTSPRICHT IC4700.

B-BOARD TNP8EB004 PLATINE B TNP8EB004



B-BOARD TNP8EB004 PLATINE B TNP8EB004



В

| PARTS L | OCATION |
|--|--|
| B-BO | |
| 10 | 3 |
| IC4700 | A2 |
| IC4800 | B3 |
| IC4502 | C1 |
| Trans | istor |
| Q4722 | B1 |
| Q4721 | B2 |
| Q4891 | C2 |
| Q4892 | C2 |
| Q4894 | C2 |
| Q4893 | C2 |
| Dic | de |
| D4501 | A2 |
| D4502 | A2 |
| D4507 | |
| D4507 | B1 |
| D4837 | B1 B2 |
| | |
| D4837 | B2 |
| D4837 D4839 | B2 B2 |
| D4837 D4839 D4711 | B2 B2 B2 |
| D4837 D4839 D4711 D4713 | B2 B2 B2 B2 |
| D4837 D4839 D4711 D4713 D4818 | B2 B2 B2 B2 B3 B3 B3 |
| D4837 D4839 D4711 D4713 D4818 D4812 | B2 B2 B2 B2 B3 B3 |

C

D

Α

SCHEMATIC DIAGRAM FOR MODELS TX-29/25AD1C (EURO-1M CHASSIS)

IMPORTANT SAFETY NOTICE

Components identified by \bigwedge mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

Notes

RESISTOR 1.

> All resistors are carbon 1/8W resistor, unless marked. Unit of resistance is OHM (Ω) (K=1,000, M=1,000,000).

2. CAPACITOR

> All capacitors are ceramic 50V, unless marked. Unit of capacitance is uF, unless otherwise stated.

3.

Unit of inductance is µH, unless otherwise stated.

TEST POINT

: Test Point position

: Waveform Test Point position

: Chassis Earth (Cold)

: Line Earth (Hot)

6. **VOLTAGE MEASUREMENT**

EARTH SYMBOL

Voltage is measured by a DC voltmeter. Measurement conditions are as follows: Power source AC 220-240V, 50Hz Receiving SignalColour Bar signal (RF)

All customer controls Maximum position

: Indicates the Video signal path

: Indicates the Audio signal path

: Indicates the Vertical/Horizontal signal path

This schematic diagram is the latest at the time of printing and is subject to change without notice.

Precautions

- Do not touch the hot part, or the hot and cold parts at the a. same time, as you are liable to a shock hazard.
- b. Do not short-circuit the hot and cold circuits as electrical components may be damaged.
- C. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously, as this may cause fuse failure. Connect the earth of the instruments to the earth connection of the circuit being measured.
- d. Make sure to disconnect the power plug before removing the chassis.

Remarks

1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection. The circuit is defined by HOT and COLD indications in the schematic diagram. All circuits, except the Power Circuit, are COLD. Take the following precautions:

ZEICHENERKLÄRUNG FÜR MODELL TX-29/25AD1C (EURO-1M CHASSIS)

WICHTIGER SICHERHEITSHINWEIS

Teile, die mit einen Hinweis / gekennzeichnet sind, sind wichtig für die Sicherheit. Sollte ein Auswechseln erforderlich sein, sind unbedingt Originalteile einzusetzen.

Anmerkung

WIDERSTANDE

Alle 1/8Watt Widerstände sind Kohlewiderstände, Abweichungen sind folgt gekennzeichnet.

Die Maßeinheit ist OHM (Ω) (K=1,000 M=1,000,000)

2. **KONDENSATOREN**

> Alle Kondensatoren sind Keramikausfürungen Spannungsfestig 50V. Die Maßeinheit ist μF , wenne keine anderen Bezeichnungen gennant sind.

3. **SPULEN**

> Die Maßeinheit ist μH , Abweichungen sind aekennzeichnet.

4. **TESTPUNKE**

: Kennzeichnung der Testpunktposition

: Testpunkte mit Oszillogrammen

5. **MASSESYMBOL**

:Erdung am Chassis

: Erdung an Masse-Leitung keit

6. **SPANNUNGSMESSUNG**

Spannungsmessungen sind mit einem DC-Voltmeter durchzuführen. Die Meßbedingungen sind folgende: Netzspannung 220-240V 50Hz

Wiedregabe Signal Alle übrigen Einstellungen

für Benutzer

Sollangaben

Farbbalken-Testbild

:Videosignalweg

:Audiosignalweg

:Signalweg für Hor/Vert. Synchronsignale

Anderungen im Laufe der Fertigung sind möglich.

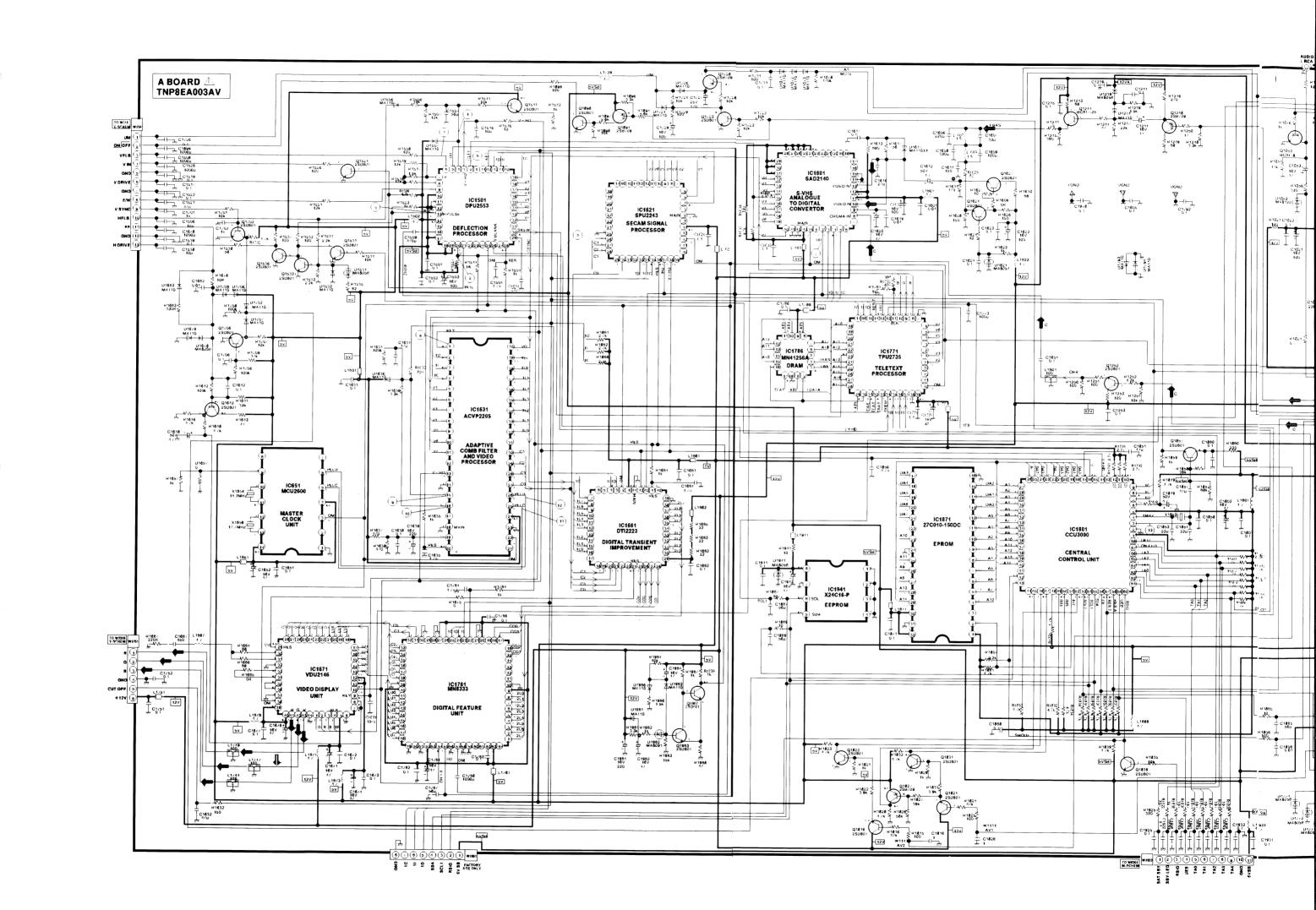
Für den netzverbundenen Bereich (HOT) sind folgende Vorsichtsmassregein zu beachten: Weder die Leitungen im heißen noch Leitungen im heißen

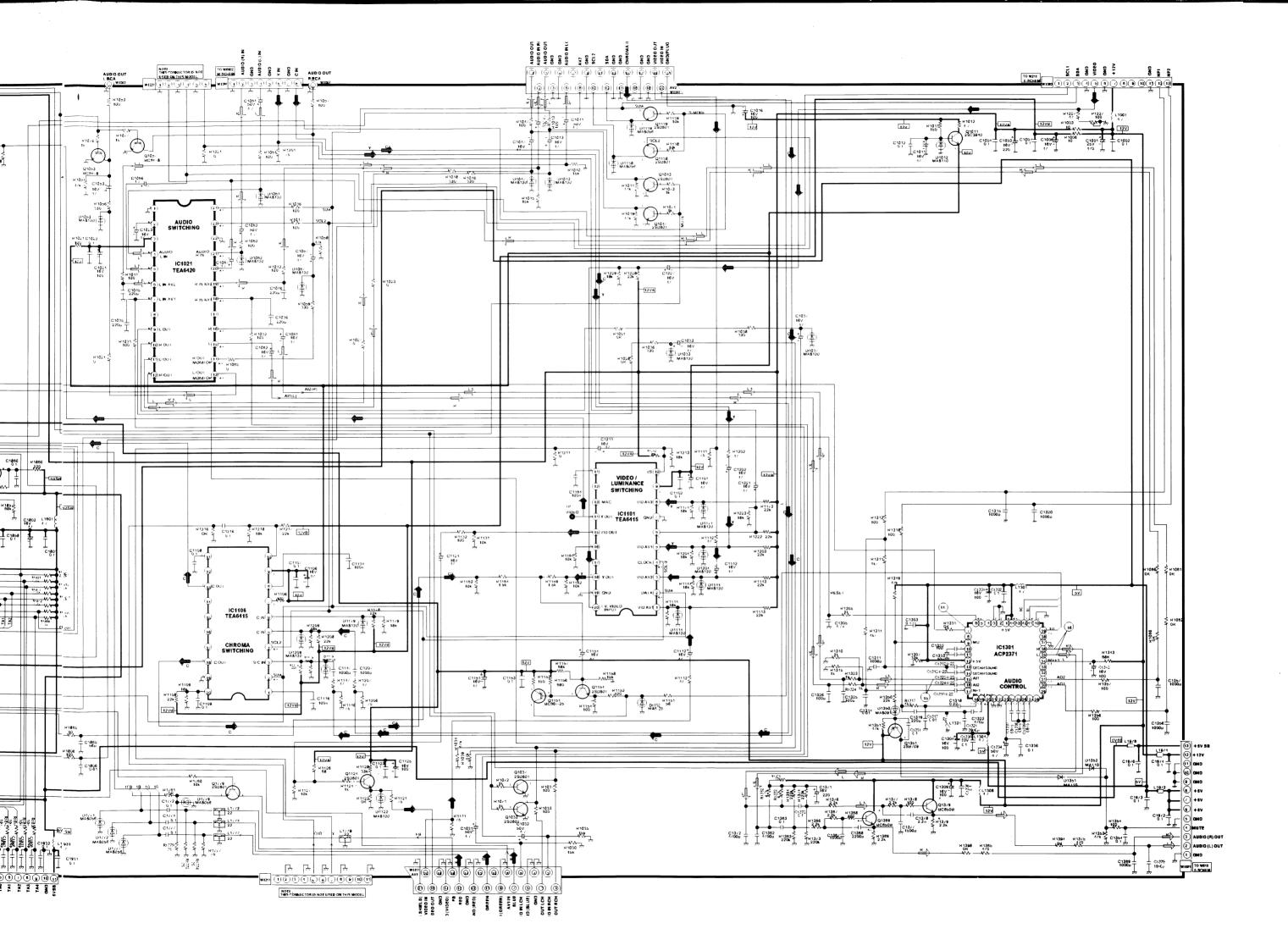
- und im kalten Bereich gleichzeitig berühren. Es besteht die Gefahr eines elektrischen Schlages.
- b. Keinesfalls die Leitungen im heißen Bereich mit denen im kalten Bereich verbinden oder kurzschliessen. Dies kann zur Zerstörung von Bauteilen oder Sicherungen führen. Außerdem ist die elektrische Betriebssicherheit des Gerätes nicht mehr gegeben.
- C. Keine Messinstrumente gleichzeitig an Leitungen im heissen und kalten Bereich anschliessen. Sicherungen könnten zerstört werden. Die Erde des Messinstrumentes immer mit der des zu prüfenden Schaltkreises verbinden.
- d. Vor Ausbau des Chassis, Stecker aus der Netzsteckdose ziehen.

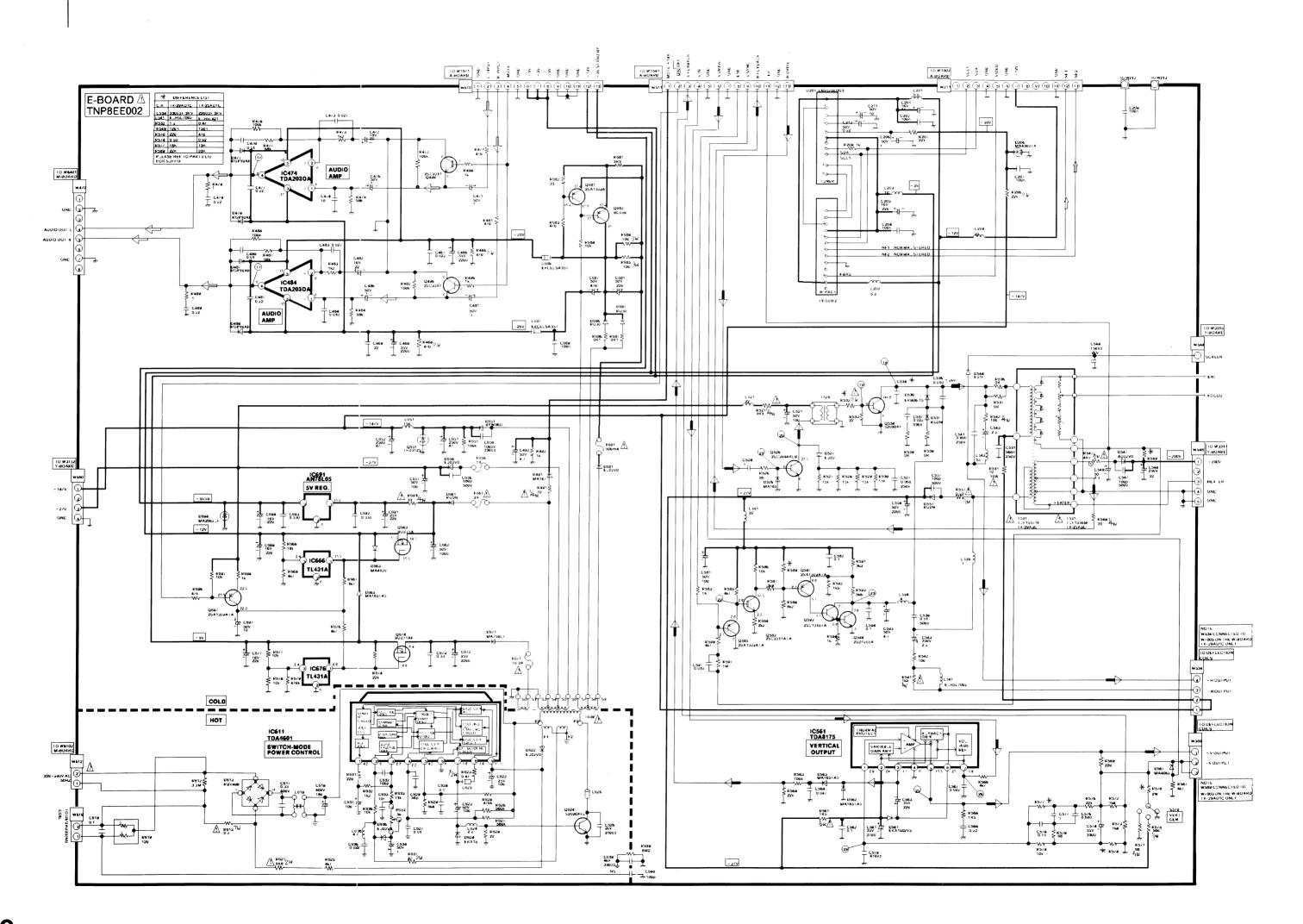
Bemerkungen

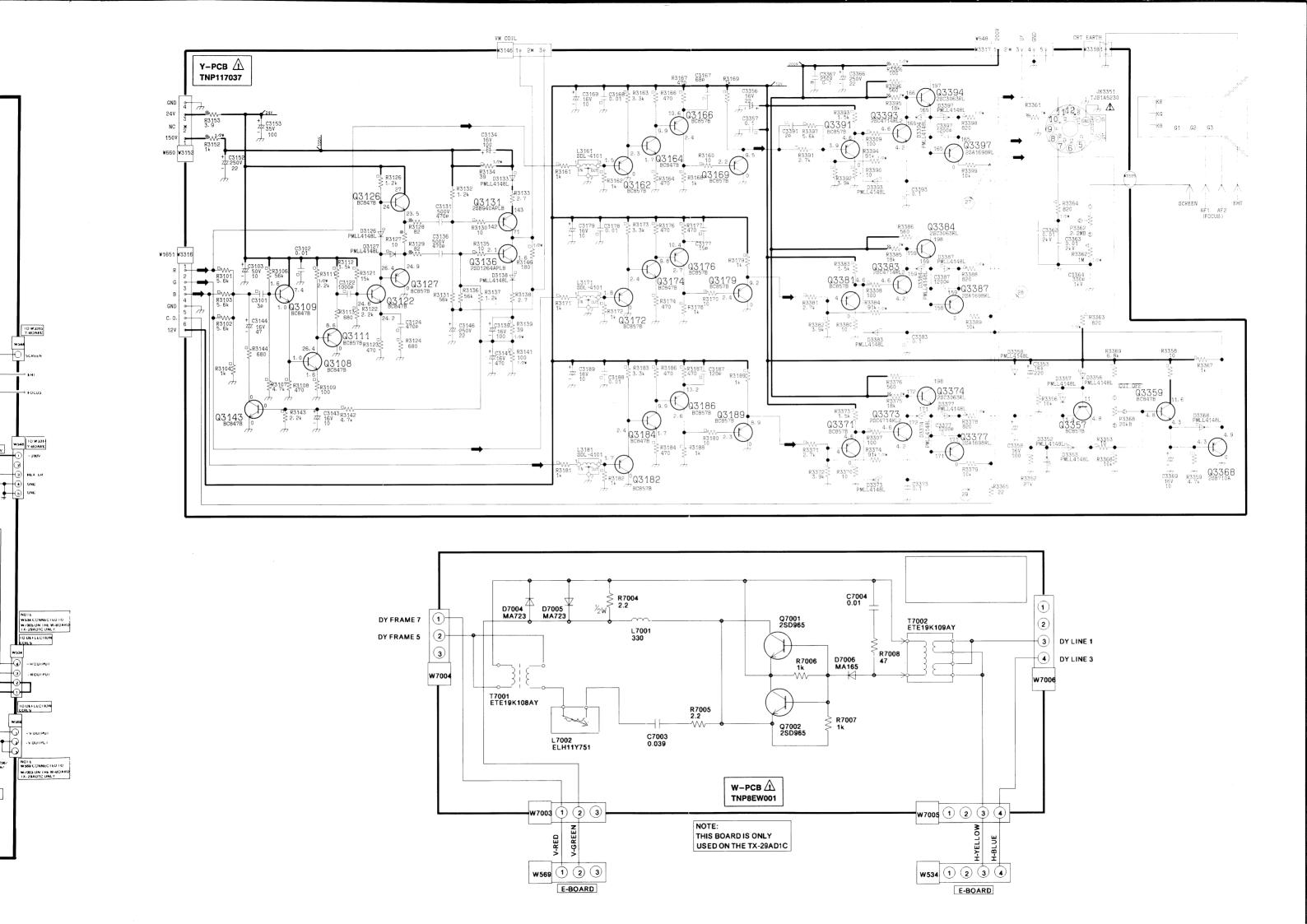
Das Schaltnetzteil enthält Bereiche, die direkt mit dem Netz verbunden sind. Diese Bereiche sind im Schalplan mit HOT gekennzeichnet. Alle anderen Schaltungen sin mit COLD gekennzeichnet und Haben keine direkte Verbindung mit dem netz.



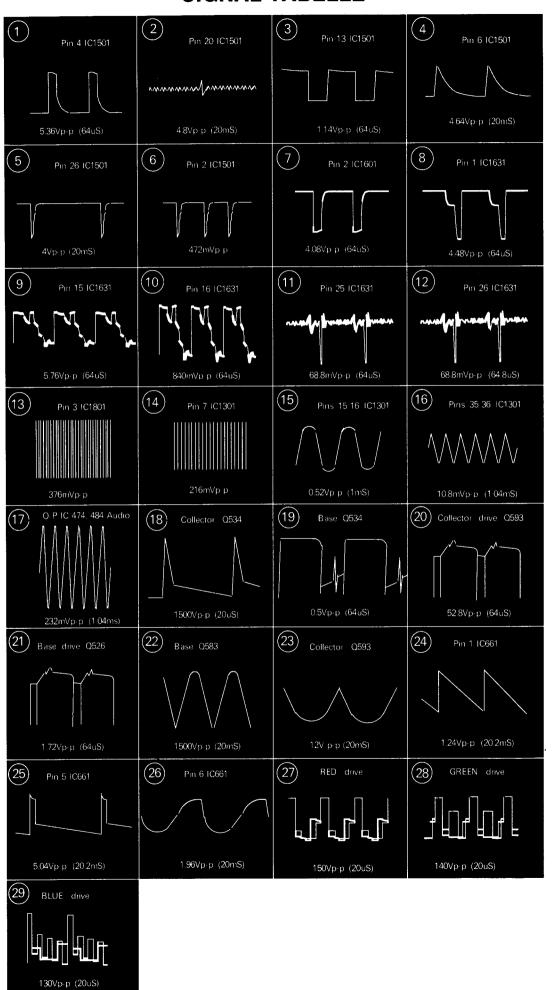




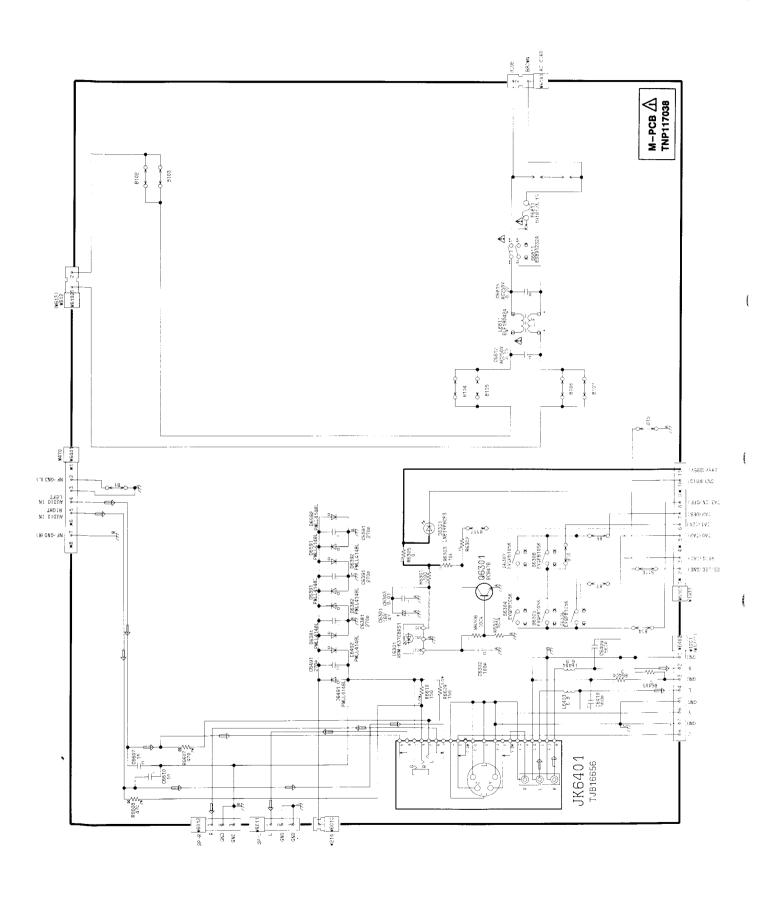


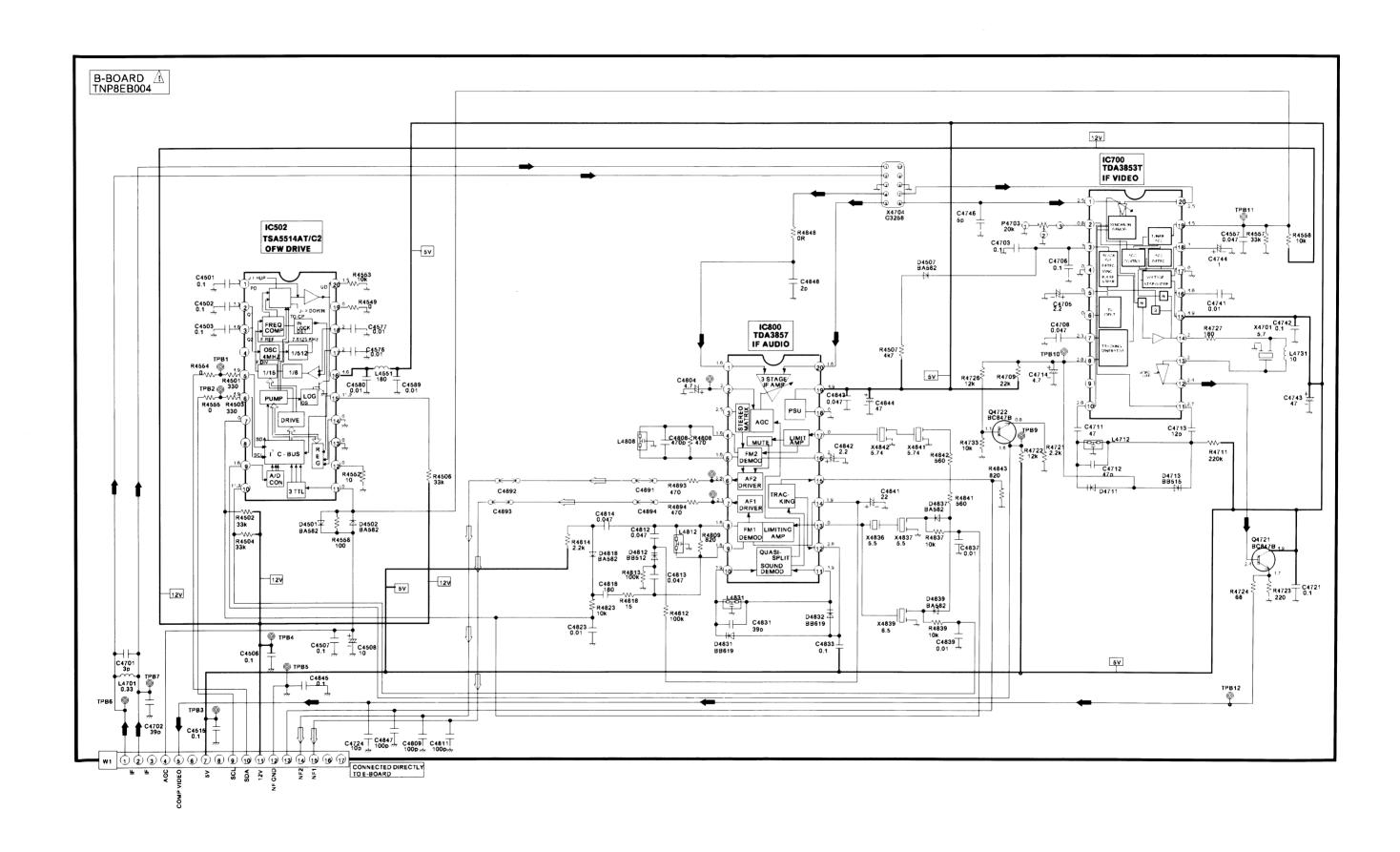


WAVEFORM PATTERN TABLE SIGNAL TABELLE



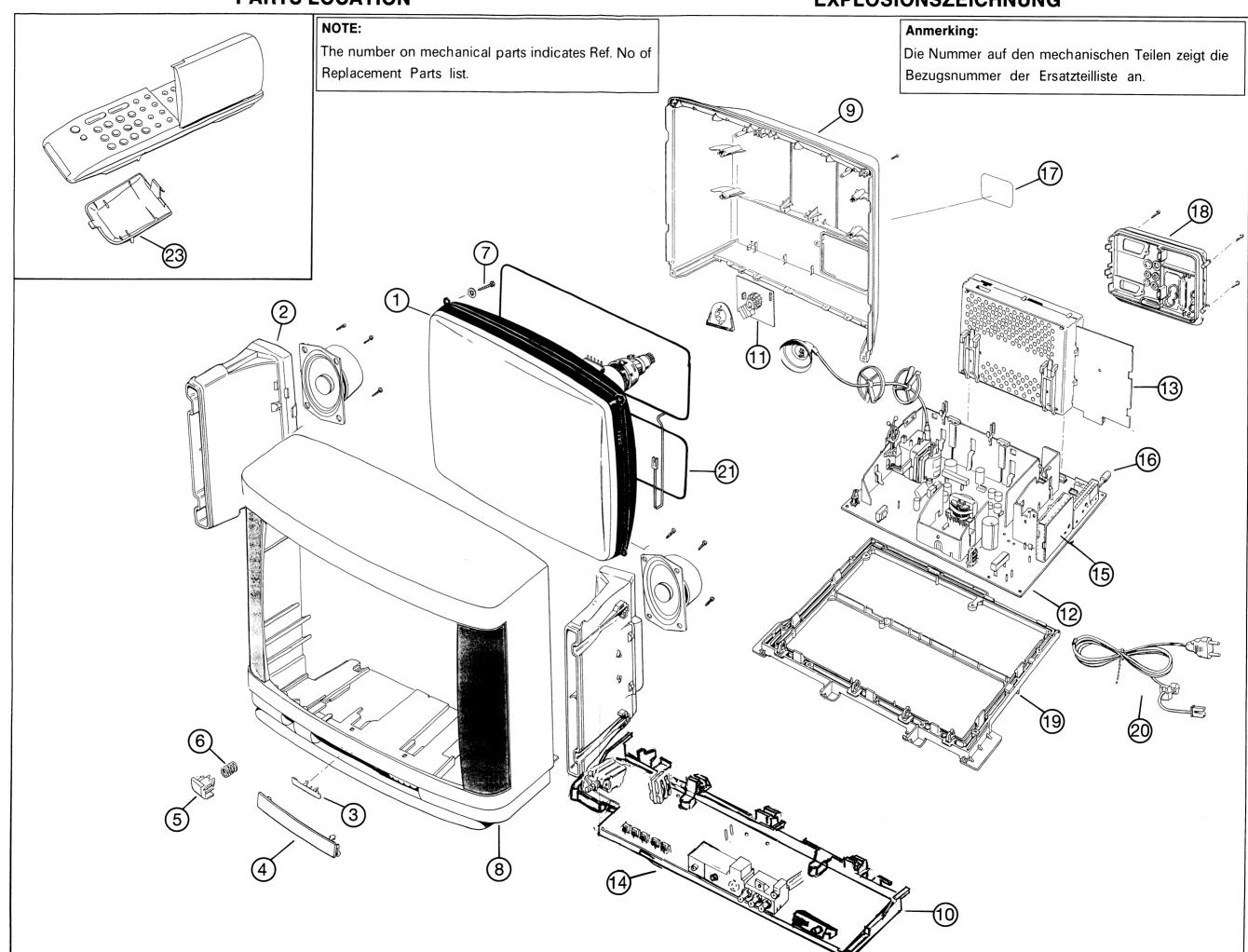
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PARTS LOCATION

EXPLOSIONSZEICHNUNG



REPLACEMENT PARTS LIST Important Safety Notice

Components identified by nark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

ERSATZTEILLISTE

Wichtiger Sicherheitshinwels

Teile, die mit einen Hinweis ∆gekennzeichnet sind, sind wichtig fúr die Sicherheit. Solite ein Auswechsein erforderlich sein, sind unbedingt Originalteile einzusetzen.

PARTS COMMON TO TX-29AD1C AND TX-25AD1C

| Ref No. | Part No. | | Description | |
|---------|-------------|-------------|-----------------|----------|
| MISCE | ELLANEOUS C | OMPONEN | NTS | |
| 1) | ***** | REFER TO D | IFFERENCE LIST | |
| 2) | EAGG1201B2 | SPEAKER | II I ENENOE EIO | |
| 3) | TBM153022 | PANASONIC | BADGE | |
| 4) | TKP8E1109 | A.V. DOOR | D/ 10 G L | |
| 5) | TBX8E021 | POWER BUT | TON | |
| 6) | TES2249 | | TON SPRING | |
| 7) | THT1009R | CRT FIXING | | |
| 8) | ****** | | IFFERENCE LIST | |
| 9) | ***** | | IFFERENCE LIST | |
| 10) | TMW8E016 | CONTROL B | RACKET | |
| 11) | ***** | | IFFERENCE LIST | |
| 12) | ***** | | IFFERENCE LIST | |
| 13) | TNP8EA003AV | A P.C.B. | | Δ |
| | | M P.C.B. | | <u></u> |
| 14) | TNP117038 | WIF PACK | | <u>A</u> |
| 15) | SVIF2 | | | <u>A</u> |
| 16) | ENV578E0G3 | TUNER | NCEEDENICE LIST | 412 |
| 17) | | | DIFFERENCE LIST | |
| 18) | TUX8E005-30 | REAR AV PA | | |
| 19) | TMX8E005 | CHASSIS FF | | Λ |
| 20) | TSX8E0011 | MAINS LEAD | | ΔL) |
| 21) | | | DIFFERENCE LIST | |
| 22) | TNQ8E0453-1 | | | |
| 23) | UR51EC749 | BATTERY C | | • |
| | TQB8E0903 | INSTRUCTION | | Λ |
| | TJB816656 | FRONT A.V. | | |
| | TBM8E1359 | INDICATION | | |
| | TBM8E1408 | BLIND SHEE | | |
| | TEK6343 | LID DAMPEI | | |
| | TEK6940 | LID CATCHE | | |
| | TES2298 | INDICATION | | |
| | TBM8E1360 | | | |
| | TMW8E017 | L.E.D. HOLE | | |
| | TPD8E598 | SPACER CL | SHION | Λ |
| F656 | TR5-T1000 | FUSE | | _ |
| F661 | TR5-T2000 | FUSE | | A |
| F671 | TR5-T6300 | FUSE | | A |
| F681 | TR5-T500 | FUSE | | A |
| F6811 | 2153.15H | FUSE | | A |
| | EYF52BC | FUSE HOLD | DER | Δ |
| | EYF52BC | FUSE HOLE | DER | Δ |
| CAPA | CITORS | | | |
| C201 | ECEA1CU470 | ELECT | 16V 47μF | |
| C202 | ECQB1H104J | FILM | 50V 100nF | |
| C203 | ECEA1CU221 | ELECT | 16V 220μF | |
| C204 | ECQB1H104J | FILM | 50V 100nF | |
| C206 | ECEA1HU010 | ELECT | 50V 1μF | |
| C207 | ECQB1H104J | FILM | 50V 100nF | |
| C208 | ECQB1H104J | FILM | 50V 100nF | |
| C211 | ECEA1HU100 | ELECT | 50V 10μF | |
| C466 | ECEA1VU222 | ELECT | 35V 2200μF | |
| C467 | ECKC1H223J | CERAMIC | 50V 22nF | |
| C468 | ECEA1VU222 | ELECT | 35V 2200μF | |
| C469 | ECKC1H223J | CERAMIC | 50V 22nF | |
| | | | | |

| 25AD1C | | | | | | | |
|--------------|--------------|-------------|---------|--------------|--------------------|--|--|
| Ref No. | Part No. | | Descrip | tion | | | |
| C470 | ECQB1H103J | FILM | 50V | 10nF | | | |
| C471 | ECEA1HU010 | ELECT | 50V | 1μF | | | |
| C472 | ECEA1CU220 | ELECT | 16V | 22μF | | | |
| C473 | ECQB1H273J | FILM | 50V | 27nF | | | |
| C474 | ECQB1H103J | FILM | 50V | 10nF | | | |
| C476 | ECEA1HU010 | ELECT | 50V | 1μF | | | |
| C477 | 222236516224 | FILM | 160V | 220nF | | | |
| C479 | 222236516224 | FILM | 160V | 220nF | | | |
| C480 | ECQB1H103J | FILM | 50V | 10nF | | | |
| C481 | ECEA1HU010 | ELECT | 50V | 1μF | | | |
| C482 | ECEA1CU220 | ELECT | 16V | 22μF | | | |
| C483 | ECQB1H273J | FILM | 50V | 27nF | | | |
| C484 | ECQB1H103J | FILM | 50V | 10nF | | | |
| C486 | ECEA1HU010 | ELECT | 50V | 1μF | | | |
| C487 | 222236516224 | FILM | 160V | 220nF | | | |
| C489 | 222236516224 | FILM | 160V | 220nF | | | |
| C492 | ECEA1HU4R7 | ELECT | 50V | 4.7μF | | | |
| C521 | ECEATHU101 | ELECT | 50V | 100μF | | | |
| C524 | 222236516105 | FILM | 160V | 100μπ 1μF | | | |
| C527 | ECQM2683JZ | FILM | 250V | 68nF | | | |
| C521 | ECQM2564KZ | FILM | 250V | 560nF | | | |
| C536 | ECWH12H103J | FILM | 1250V | 10nF | Δ | | |
| C536 C537 | ECWH12H1033 | FILM | 630V | 22nF | | | |
| | ECWF2H514J | | 500V | 510nF | $\mathbf{\Lambda}$ | | |
| C538 | | FILM | | | <u>A</u> | | |
| C541 | ECWF2H105J | FILM | | 1000nF | Δ <u>L</u> | | |
| C543 | ECEA2VU2R2 | ELECT | 350V | 2.2μF | | | |
| C544 | ECKC3D152J | CERAMIC | 2KV | 1.5nF | A | | |
| C547 | ECKC2H101J | CERAMIC | 500V | 100pF | Δ | | |
| C548 | ECEA2EU220 | ELECT | 250V | 22μF | | | |
| C549 | ECEA1HN2R2 | ELECT | 50V | 2.2µF | | | |
| C557 | ECKC2H101J | CERAMIC | 500V | 100pF | ∆ \ | | |
| C558 | ECEA1HU222 | ELECT | | 2200μF | | | |
| C562 | ECQB1H104J | FILM | 50V | 100nF | | | |
| C563 | ECEA1VU221 | ELECT | 35V | 220μF | | | |
| C564 | ECQB1H473K | FILM | 50V | 47nF | | | |
| C567 | ECQB1H223K | FILM | 50V | 22nF | | | |
| C568 | 222236516224 | FILM | 160V | 220nF | | | |
| C574 | ECEA1VU332 | ELECT | 35V | 3300μF | | | |
| C576 | 222236516684 | FILM | 160V | 100nF | | | |
| C577 | 222236516105 | FILM | 160V | 1μF | | | |
| C578 | 222236516154 | FILM | 160V | 150nF | | | |
| C579 | ECQB1H472J | FILM | 50V | 4.7nF | | | |
| C581 | ECEA1HU101 | ELECT | 50V | 100μF | | | |
| C582 | ECQB1H104J | FILM | 50V | 100nF | | | |
| C593 | ECEA1HGE4R7 | ELECT | 50V | 4.7μF | | | |
| C594 | ECQB1H104J | FILM | 50V | 100nF | | | |
| C597 | ECQB1H103J | FILM | 50V | 10nF | | | |
| C617 | ECQM4334JZ | FILM | 400V | 330nF | | | |
| C618 | ECOS2GG181N | G ELECT | 400V | 180μF | $\mathbf{\Lambda}$ | | |
| C619 | ECQE6104K | FILM | 600V | 100nF | $\mathbf{\Lambda}$ | | |
| C622 | ECEA1EU101 | ELECT | 25V | 100μF | | | |
| C623 | ECEA1HGE101 | ELECT | 50V | 100μF | | | |
| C626 | ECKC3D222JB | CERAMIC | 2KV | 2200pF | $\mathbf{\Lambda}$ | | |
| C627 | ECQB1H103J | FILM | 50V | 10nF | | | |
| C628 | ECQB1H104J | FILM | 50V | 100nF | | | |
| C629 | ECCR1H560J | CERAMIC | 50V | 56pF | | | |
| C631 | ECEA1CU101 | ELECT | 16V | • | | | |
| C632 | ECCR1H101J | CERAMIC | 50V | 100pF | | | |
| C633 | ECQB1H103J | FILM | 50V | 10nF | | | |
| C634 | ECEA1HU010 | ELECT | 50V | 1μF | | | |
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| ł | | | | | | | |

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|----------------|----------------------------|-------------------|------------|-----------------|----------|
| Ref No. | Part No. | | Desc | ription | |
| C636 | ECQB1H223K | FILM | 50V | 22nF | |
| C639 | ECKCNS332J | CERAMIC | 1.2KV | 3.3nF | Λ |
| C640 | ECKCNS101MB | CERAMIC | 1.2KV | 100μF | Δ |
| C650 | ECKC3A332J | CERAMIC | 1KV | 3.3nF | Δ |
| C651 | ECEA2EGE470 | ELECT | 250V | 47μF | |
| C652 | ECEA2EU470 | ELECT | 250V | 47μF | |
| C656 | ECKC2H681J | CERAMIC | 500V | 680pF | Δ |
| C657 | ECEA1HGE101 | ELECT | 50V | 100μF | |
| C662 C668 | ECEA1EU102 ECEA1CU221 | ELECT ELECT | 25V 16V | 1000μF 220μF | |
| C672 | ECEATEGE222 | ELECT | 25V | 220μΓ | |
| C673 | 222236516334 | FILM | 160V | 330nF | |
| C677 | ECEA1CU221 | ELECT | 16V | 220μF | |
| C681 | ECEA1HU221 | ELECT | 50V | 220μF | |
| C687 | ECEA1HU471 | ELECT | 50V | 470μF | |
| C689 | ECQB1H104J | FILM | 50V | 100nF | |
| C691 | ECEA1EU221 | ELECT | 25V | 220μF | |
| C692 | 222236516334 | FILM | 160V | 330nF | |
| C693 | 222236516334 | FILM | 160V | 330nF | |
| C694 | ECEA1CU221 | ELECT | 16V | 220μF | |
| C697 | ECEA1HU100 | ELECT | 50V | 10μF | |
| C1001 | ECEA1EU471 | ELECT | 25V | 470μF | |
| C1002 | ECUV1H104KBW | | 50V | 100nF | |
| C1003 C1004 | ECEA1CU221 ECUV1H104KBW | ELECT S.M. CAR | 16V 50V | 220μF 100nF | |
| C1004 | ECEA1CU470 | ELECT | 16V | 47μF | |
| C1007 | ECUV1H104KBW | | 50V | 47μι 100nF | |
| C1011 | ECEA1CU470 | ELECT | 16V | 47μF | |
| C1012 | ECUV1H104KBW | | 50V | 100nF | |
| C1016 | ECEA1CU101 | ELECT | 16V | 100μF | |
| C1021 | ECEA1CU101 | ELECT | 16V | 100μF | |
| C1022 | ECUV1H104KBW | S.M. CAP | 50V | 100nF | |
| C1023 | ECEA1CU470 | ELECT | 16V | 47μ F | |
| C1031 | ECEA1HU4R7 | ELECT | 50V | 4.7μF | |
| C1032 | ECEA1HU4R7 | ELECT | 50V | 4.7μF | |
| C1033 | ECEA1CU470 | ELECT | 16V | 47μF | |
| C1035 | ECUV1H221JCX | S.M. CAP | 50V | 220pF | |
| C1036 C1037 | ECUV1H221JCX ECEA1CU470 | S.M. CAP ELECT | 50V 16V | 220pF 47μF | |
| C1037 | ECEA1CU470 ECEA1HU4R7 | ELECT | 50V | 47μF 4.7μF | |
| C1041 | ECEATHU4R7 | ELECT | 50V | 4.7μF | |
| C1043 | ECEA1CU470 | ELECT | 16V | 47μF | |
| C1045 | ECUV1H221JCX | S.M. CAP | 50V | 220pF | |
| C1046 | ECUV1H221JCX | S.M. CAP | 50V | 220pF | |
| C1047 | ECEA1CU470 | ELECT | 16V | 47μF | |
| C1053 | ECEA1CU470 | ELECT | 16V | 47μF | |
| C1055 | ECUV1H221JCX | S.M. CAP | 50V | 220pF | |
| C1056 | ECUV1H221JCX | S.M. CAP | 50V | 220pF | |
| C1057 | ECEA1CU470 | ELECT | 16V | 47μF | |
| C1061 | ECEA1HU4R7 | ELECT | 50V | 4.7μF | |
| C1062 | ECEA1HU4R7 | ELECT | 50V | 4.7μF | |
| C1066 | ECEA1HU4R7 | ELECT | 50V | 4.7μF | |
| C1067 C1081 | ECEA1HU4R7 ECEA1CU470 | ELECT ELECT | 50V 16V | 4.7μF 47μF | |
| C1081 | ECEA1CU470 | ELECT | 16V | 47μF 47μF | |
| C1101 | ECEA1CU470 | ELECT | 16V | 47μF 47μF | |
| C1102 | ECUV1H104KBW | | 50V | 47μι 100nF | |
| C1106 | ECEA1CU470 | ELECT | 16V | 47μF | |
| C1107 | ECUV1H104KBW | | 50V | 100nF | |
| C1108 | ECUV1H104KBW | S.M. CAP | 50V | 100nF | |
| C1109 | ECUV1H104KBW | S.M. CAP | 50V | 100nF | |
| C1112 | ECEA1CU470 | ELECT | 16V | 47μF | |
| C1116 | ECUV1H104KBW | | 50V | 100nF | |
| C1123 | ECUV1H104KBW | | 50V | 100nF | |
| C1124 | ECEA1CU470 | ELECT | 16V | 47μF | |
| C1125 C1134 | ECEA1CU101 | ELECT | 16V | 100μF | |
| C1134 | ECUV1H104KBW ECEA1CU470 | S.M. CAP | 50V | 100nF | |
| C1142 | ECUV1H102KBW | | 16V 50V | 47μF 1nF | |
| | | J.M. UAF | JUV | 1111 | |
| 1 | | | | | |

| Ref No. | Part No. | | Descrip | tion |
|---------|--------------|----------|---------|-------|
| C1151 | ECEA1CU470 | ELECT | 16V | 47μF |
| C1153 | ECUV1H104KBW | S.M. CAP | 50V | 100nF |
| C1154 | ECEA1CU470 | ELECT | 16V | |
| | | | | 47μF |
| C1164 | ECUV1H104KBW | | 50V | 100nF |
| C1202 | ECEA1CU470 | ELECT | 16V | 47μF |
| C1207 | ECUV1H102KBW | S.M. CAP | 50V | 1nF |
| C1211 | ECEA1CU470 | ELECT | 16V | 47μF |
| | | | | • |
| C1216 | ECUV1H104KBW | | 50V | 100nF |
| C1221 | ECEA1CU470 | ELECT | 16V | 47μF |
| C1227 | ECEA1CU470 | ELECT | 16V | 47μF |
| C1239 | ECUV1H104KBW | S M CAP | 50V | 100nF |
| C1241 | ECUV1H104KBW | | 50V | |
| | | | | 100nF |
| C1244 | ECEA1CU470 | ELECT | 16V | 47μF |
| C1245 | ECUV1H104KBW | S.M. CAP | 50V | 100nF |
| C1253 | ECUV1H104KBW | S.M. CAP | 50V | 100nF |
| C1301 | ECEA1CU101 | ELECT | 16V | 100μF |
| | ECUV1H104KBW | | | • |
| C1302 | | | 50V | 100nF |
| C1303 | ECUV1H104KBW | S.M. CAP | 50V | 100nF |
| C1304 | ECEA1CU101 | ELECT | 16V | 100μF |
| C1305 | ECUV1H472KBW | S.M. CAP | 50V | 4.7nF |
| C1306 | ECUV1H104KBW | - | 50V | 100nF |
| | | | | |
| C1308 | ECUV1H104KBW | S.M. CAP | 50V | 100nF |
| C1309 | ECEA1CU101 | ELECT | 16V | 100μF |
| C1311 | ECUV1H102KBW | S.M. CAP | 50V | 1nF |
| C1312 | 222236516224 | FILM | 160V | 220nF |
| C1313 | | FILM | | |
| | 222236516224 | | 160V | 220nF |
| C1314 | ECYY1H103JCW | S.M. CAP | 50V | 10nF |
| C1315 | ECUV1H102KBW | S.M. CAP | 50V | 1nF |
| C1316 | 222236516224 | FILM | 160V | 220nF |
| C1317 | ECYY1H103JCW | S.M. CAP | 50V | 10nF |
| | | | | |
| C1318 | 222236516224 | FILM | 160V | 220nF |
| C1319 | ECUV1H221JCW | S.M. CAP | 50V | 220pF |
| C1320 | ECUV1H102KBW | S.M. CAP | 50V | 1nF |
| C1321 | ECUV1H392KBW | S M CAP | 50V | 3.9nF |
| C1322 | ECUV1H471JCW | | 50V | 470pF |
| | | | | |
| C1323 | 222236516224 | FILM | 160V | 220nF |
| C1324 | 222236516224 | FILM | 160V | 220nF |
| C1325 | ECUV1H101JCW | S.M. CAP | 50V | 100pF |
| C1326 | ECUV1H101JCW | S.M. CAP | 50V | 100pF |
| C1332 | ECUV1H100DCW | | 50V | 10pF |
| | | | | - |
| C1333 | ECUV1H100DCW | | 50V | 10pF |
| C1334 | ECEA1HU4R7 | ELECT | 50V | 4.7μF |
| C1336 | ECUV1H104KBW | S.M. CAP | 50V | 100nF |
| C1337 | ECUV1H681JCW | S M CAP | 50V | 68nF |
| C1338 | ECUV1H681JCW | | 50V | 68nF |
| | | | | |
| C1339 | ECUV1H681JCW | | 50V | 68nF |
| C1343 | ECEA1CU101 | ELECT | 16V | 100μF |
| C1351 | ECUV1H104KBW | S.M. CAP | 50V | 100nF |
| C1354 | ECUV1H104KBW | S.M. CAP | 50V | 100nF |
| C1356 | ECUV1H102KBW | | 50V | 1nF |
| | | | | |
| C1357 | ECUV1H102KBW | | 50V | 1nF |
| C1371 | ECEA1CU221 | ELECT | 16V | 220μF |
| C1372 | ECUV1H472JCW | S.M. CAP | 50V | 4.7nF |
| C1373 | ECQB1H104J | FILM | 50V | 100nF |
| C1377 | ECUV1H152JCW | | 50V | 1.5pF |
| | | | | |
| C1378 | ECUV1H222JCW | | 50V | 2.2nF |
| C1379 | ECUV1H102KBW | S.M. CAP | 50V | 1nF |
| C1382 | ECUV1H472JCW | S.M. CAP | 50V | 4.7nF |
| C1383 | ECQB1H104J | FILM | 50V | 100nF |
| C1387 | ECUV1H152JCW | | 50V | 1.5pF |
| | | | | |
| C1388 | ECUV1H222JCW | | 50V | 2.2nF |
| C1389 | ECUV1H102KBW | | 50V | 1nF |
| C1501 | ECUV1H104KBW | S.M. CAP | 50V | 100nF |
| C1502 | ECUV1H104KBW | | 50V | 100nF |
| C1503 | ECEA1CU101 | ELECT | 16V | 100μF |
| | | | | |
| C1504 | ECUV1H472KBW | | 50V | 4.7nF |
| C1506 | ECUV1H100DCW | | 50V | 10pF |
| C1507 | ECUV1H560JCW | S.M. CAP | 50V | 56pF |
| C1508 | ECUV1H102KBW | S.M. CAP | 50V | 1nF |
| | | | | |

WORDS.

| Ref No. | Part No. | Descr | <u> </u> |
|----------------|--|------------|---------------------------|
| C1509 | ECUV1H471JCW S.M. CAP | 50V | 470pF |
| C1511 | ECUV1H270JCW S.M. CAP | 50V | 27pF |
| C1516 | ECUV1H100DCW S.M. CAP ECUV1H104KBW S.M. CAP | 50V 50V | 10pF 100nF |
| C1517 | ECUV1H104KBW S.M. CAP | 50V 50V | 100nF |
| C1519 | ECUV1H473KBW S.M. CAP | 50V | 47nF |
| C1522 | ECUV1H104KBW S.M. CAP | 50V | 100nF |
| C1526 | ECUV1H102KBW S.M. CAP | 50V | 1nF |
| C1538 | ECUV1H100DCW S.M. CAP | 50V | 10pF |
| C1539 | ECUV1H104KBW S.M. CAP | 50V | 100nF |
| C1601 | ECUV1H103KBW S.M. CAP | 50V | 10nF |
| C1602 | ECEA1CU101 ELECT | 16V | 100μF |
| C1603 | ECUV1H104KBW S.M. CAP | 50V | 100nF |
| C1604 | ECUV1H104KBW S.M. CAP | 50V | 100nF |
| C1605 | ECUV1H104KBW S.M. CAP | 50V | 100nF |
| C1606 | ECUV1H221JCW S.M. CAP | 50V | 220pF |
| C1607 | ECUV1H330JCW S.M. CAP | 50V | 33pF |
| C1608 | ECUV1H331JCW S.M. CAP | 50V 50V | 330pF |
| C1609 C1611 | ECUV1H101JCW S.M. CAP ECUV1H151JCW S.M. CAP | 50V | 100pF 150pF |
| C1612 | ECEA1HU4R7 ELECT | 50V | 4.7μF |
| C1612 | ECUV1H270JCW S.M. CAP | 50V | 27pF |
| C1617 | ECUV1H104KBW S.M. CAP | 50V | 100nF |
| C1619 | ECUV1H103KBW S.M. CAP | 50V | 10nF |
| C1620 | ECEA1CU470 ELECT | 16V | 47μ F |
| C1621 | ECUV1H104KBW S.M. CAP | 50V | 100nF |
| C1622 | ECEA1CU101 ELECT | 16V | 100μF |
| C1623 | ECUV1H104KBW S.M. CAP | 50V | 100nF |
| C1624 | ECUV1H104KBW S.M. CAP | 50V | 100nF |
| C1631 | ECUV1H104KBW S.M. CAP | 50V | 100nF |
| C1632 | ECUV1H470JCW S.M. CAP | 50V | 47pF |
| C1634 | ECUV1H470JCW S.M. CAP | 50V | 47pF |
| C1635 | ECUV1H472KBW S.M. CAP ECUV1H104KBW S.M. CAP | 50V 50V | 4.7nF 100nF |
| C1638 | ECEA1CU221 ELECT | 16V | 220μF |
| C1642 | ECUV1H104KBW S.M. CAP | 50V | 100nF |
| C1648 | ECEA1HU4R7 ELECT | 50V | 4.7μF |
| C1651 | ECUV1H104KBW S.M. CAP | 50V | 100nF |
| C1652 | ECEA1CU470 ELECT | 16V | 47μF |
| C1661 | ECUV1H104KBW S.M. CAP | 50V | 100nF |
| C1662 | ECUV1H104KBW S.M. CAP | 50V | 100nF |
| C1664 | ECUV1H472KBW S.M. CAP | 50V | 4.7nF |
| C1671 | ECEA1CU470 ELECT | 16V | 47μF |
| C1672 | ECUV1H104KBW S.M. CAP | 50V | 100nF |
| C1673 | ECUV1H104KBW S.M. CAP | 50V | 100nF |
| C1674 | ECEA1CU470 ELECT | 16V | 47μF |
| C1676 | ECEA1CU470 ELECT | 16V 50V | 47μF 100nF |
| C1677 C1678 | ECUV1H104KBW S.M. CAP ECUV1H102KBW S.M. CAP | 50V 50V | 100nF 1nF |
| C1678 | ECUV1H102KBW S.M. CAP | 50V | 100pF |
| C1682 | ECUV1H1013CW S.M. CAP | 50V | 100pi |
| C1687 | ECUV1H151JCW S.M. CAP | 50V | 150pF |
| C1701 | ECUV1H102KBW S.M. CAP | 50V | 1nF |
| C1702 | ECUV1H102KBW S.M. CAP | 50V | 1nF |
| C1706 | ECUV1H104KBW S.M. CAP | 50V | 100nF |
| C1726 | ECUV1H104KBW S.M. CAP | 50V | 100nF |
| C1727 | ECEA1EU471 ELECT | 25V | 470μF |
| C1729 | ECEA1CU101 ELECT | 16V | 100μF |
| C1731 | ECUV1H104KBW S.M. CAP | 50V | 100nF |
| C1751 | ECUV1H104KBW S.M. CAP | 50V | 100nF |
| C1752 | ECUV1H104KBW S.M. CAP ECEA1CU470 ELECT | 50V 16V | 100nF 47μF |
| C1761 C1762 | ECEATOU470 ELECT ECUV1H104KBW S.M. CAP | 50V | 4/μ Γ 100nF |
| C1762 | ECUV1H104KBW S.M. CAP | 50V | 100nF |
| C1763 | ECUV1H472KBW S.M. CAP | 50V | 4.7nF |
| C1766 | ECUV1H104KBW S.M. CAP | 50V | 100nF |
| C1767 | ECUV1H560JCW 9.M. CAP | 50V | 56pF |
| C1768 | ECUV1H102KBW S.M. CAP | 50V | 1nF |
| C1771 | ECUV1H104KBW S.M. CAP | 50V | 100nF |
| C1772 | ECUV1H104KBW S.M. CAP | 50V | 100nF |
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|---------|----------------------|----------|--------------|--------------------|
| Ref No. | Part No. | Descrip | tion | |
| C1773 | ECUV1H101JCW S.M. C | | 100pF | |
| C1774 | ECUV1H104KBW S.M. C. | AP 50V | 100nF | |
| C1776 | ECEA1CU470 ELECT | | 47μ F | |
| C1777 | ECUV1H104KBW S.M. C | | 100nF | |
| C1777 | ECUV1H104KBW S.M. C | | 100nF | |
| _ | | | | |
| C1792 | ECUV1H104KBW S.M. C | | 100nF | |
| C1801 | ECUV1H104KBW S.M. C | | 100nF | |
| C1802 | ECEA1CU470 ELECT | | 47μF | |
| C1806 | ECUV1H103KBW S.M. C | AP 50V | 10nF | |
| C1808 | ECUV1H332KBW S.M. C | AP 50V | 3.3nF | |
| C1811 | ECUV1H332KBW S.M. C | AP 50V | 3.3nF | |
| C1816 | ECUV1H102KBW S.M. C | AP 50V | 1nF | |
| C1826 | ECUV1H102KBW S.M. C | AP 50V | 1nF | |
| C1836 | ECUV1H332KBW S.M. C | | 3.3nF | |
| C1838 | ECUV1H332KBW S.M. C | | 3.3nF | |
| | | | | |
| C1841 | ECUV1H332KBW S.M. C | | 3.3nF | |
| C1843 | ECUV1H332KBW S.M. C | | 3.3nF | |
| C1846 | ECUV1H332KBW S.M. C | AP 50V | 3.3nF | |
| C1849 | ECEA1HU4R7 ELECT | | 4.7μF | |
| C1851 | ECUV1H470JCW S.M. C | AP 50V | 47pF | |
| C1853 | ECUV1H220JCW S.M. C | | 22pF | |
| C1854 | ECUV1H220JCW S.M. C | | 22pF | 1 |
| C1856 | ECUV1H472KBW S.M. C | | 4.7nF | |
| i e | | | | |
| C1857 | ECUV1H470JCW S.M. C | | 47pF | |
| C1858 | ECUV1H104KBW S.M. C | | 100nF | |
| C1860 | ECUV1H104KBW S.M. C | | 100nF | |
| C1861 | ECUV1H104KBW S.M. C | AP 50V | 100nF | |
| C1871 | ECUV1H104KBW S.M. C | AP 50V | 100nF | |
| C1885 | ECUV1H560JCW S.M. C | AP 50V | 56pF | |
| C1887 | ECUV1H560JCW S.M. C | | 56pF | |
| l . | ECUV1H104KBW S.M. C | | 100nF | |
| C1888 | | | | |
| C1889 | ECUV1H560JCW S.M. C | | 56pF | |
| C1899 | ECUV1H102KBW S.M. C | | 1nF | |
| C1922 | ECUV1H104KBW S.M. C | AP 50V | 100nF | |
| C1925 | ECUV1H104KBW S.M. C | AP 50V | 100nF | |
| C1931 | ECUV1H104KBW S.M. C | AP 50V | 100nF | |
| C1932 | ECUV1H104KBW S.M. C | | 100nF | |
| C1941 | ECUV1H104KBW S.M. C | | 100nF | |
| | ECEA1CU470 ELECT | | 47μF | |
| C1942 | | | • | |
| C1961 | ECEA1CU221 ELECT | | 220μF | |
| C1962 | ECEA1CU470 ELECT | | 47μF | |
| C1964 | ECEA1CU470 ELECT | Γ 16V | 47μF | |
| C1972 | ECUV1H104KBW S.M. C | AP 50V | 100nF | |
| C1973 | ECUV1H104KBW S.M. C | AP 50V | 100nF | |
| C1974 | ECUV1H104KBW S.M. C | AP 50V | 100nF | |
| C1976 | ECUV1H104KBW S.M. C | | 100nF | |
| C1978 | ECUV1H104KBW S.M. C | | 100nF | |
| C3101 | ECUV1H030CCX S.M. C | | 30pF | |
| I . | ECUV1H103ZFX S.M. C | | 10nF | |
| C3102 | | | | |
| C3103 | ECEA1HU100 ELEC | | 10μF | |
| C3122 | ECUV1H102KBX S.M. C | | 1nF | |
| C3124 | ECUV1H471JCX S.M. C | CAP 50V | 470pF | |
| C3131 | ECKC2H471J CERA | MIC 500V | 470pF | 1 |
| C3134 | ECEA1CU101 ELEC | Γ 16V | 100μF | |
| C3136 | ECKC2H471J CERA | | 470pF | $\mathbf{\Lambda}$ |
| C3139 | ECEA1CU101 ELEC | | 100μF | |
| | ECEATOUTO ELEC | | 470μF | |
| C3141 | | | | |
| C3143 | ECEA1CU100 ELEC | | 10μF | |
| C3144 | ECEA1CU470 ELEC | | 47μF | |
| C3146 | ECEA2EU220 ELEC | | 22μF | |
| C3152 | ECEA2EU220 ELEC | r 250V | 22μF | |
| C3153 | ECEA1VU101 ELEC | T 35V | 100μF | |
| C3168 | ECUV1H103ZFX S.M. C | CAP 50V | 10nF | |
| C3169 | ECEA1CU100 ELEC | | 10μF | |
| C3177 | ECUV1H150JCX S.M. (| | 15pF | |
| C3177 | ECUV1H103ZFX S.M. (| | 10nF | |
| 1 | | | 10μF | |
| C3179 | | | | |
| C3187 | ECUV1H121JCX S.M. C | | 120pF | |
| C3188 | ECUV1H103ZFX S.M. (| CAP 50V | 10nF | |
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|---|---------|--------------|----------------|-------|---------|----------|--|--|
| | Ref No. | Part No. | | Descr | ription | | | |
| | C3189 | ECEA1CU100 | ELECT | 16V | 10μF | | | |
| | C3353 | ECEA1CU221 | ELECT | 16V | 220μF | | | |
| | C3356 | ECEA1CU220 | ELECT | 16V | 22μF | | | |
| | C3357 | ECUV1H104ZFX | S.M. CAP | 50V | 100nF | | | |
| | C3358 | ECEA1CU101 | ELECT | 16V | 100μF | | | |
| | C3362 | TACA1103P2KV | NETWORK | COMPO | DNENT | | | |
| | C3363 | TACA1103P2KV | NETWORK | COMPO | DNENT | | | |
| | C3364 | ECKC3A331J | CERAMIC | 1000V | 330pF | Δ | | |
| | C3366 | ECEA2EU220 | ELECT | 250V | 22μF | | | |
| | C3367 | ECQM2104KZ | FILM | 250V | 100nF | | | |
| | C3369 | ECEA1CU100 | ELECT | 16V | 10μF | | | |
| | C3373 | ECUV1H104ZFX | S.M. CAP | 50V | 100nF | | | |
| | C3383 | ECUV1H104ZFX | S.M. CAP | 50V | 100nF | | | |
| | C3391 | ECUV1H020CCX | S.M. CAP | 50V | 2pF | | | |
| | C3393 | ECUV1H104ZFX | S.M. CAP | 50V | 100nF | | | |
| | C4501 | ECUV1H104KBW | S.M. CAP | 50V | 100nF | | | |
| | C4502 | ECUV1H104KBW | S.M. CAP | 50V | 100nF | | | |
| | C4503 | ECUV1H104KBW | S.M. CAP | 50V | 100nF | | | |
| | C4506 | ECUV1H104KBW | S.M. CAP | 50V | 100nF | | | |
| | C4507 | ECUV1H104KBW | | 50V | 100nF | | | |
| | C4508 | ECEA1CKA100 | ELECT | 16V | 10μF | | | |
| | C4515 | ECUV1H104KBW | | 50V | 100nF | | | |
| | C4557 | ECUV1H473ZFX | | 50V | 47nF | | | |
| | C4576 | ECUV1H103KBW | | 50V | 10nF | | | |
| | C4577 | ECUV1H103KBW | | 50V | 10nF | | | |
| | C4580 | ECUV1H103KBW | | 50V | 10nF | | | |
| | C4589 | ECUV1H103KBX | | 50V | 10nF | | | |
| | C4701 | ECUV1H030CCX | | 50V | 30pF | | | |
| | C4702 | ECUV1H390JCW | | 50V | 39pF | | | |
| | C4703 | ECUV1H104KBW | | 50V | 100nF | | | |
| | C4705 | ECEA1HKA2R2 | ELECT | 50V | 2.2μF | | | |
| | C4706 | ECUV1H104KBW | | 50V | 100nF | | | |
| | C4708 | ECUV1H473ZFX | | 50V | 47nF | | | |
| | C4711 | ECUV1H470JCX | | 50V | 47pF | | | |
| | C4712 | ECUV1H470JCX | | 50V | 47pF | | | |
| | C4713 | ECUV1H120JCW | | 50V | 12pF | | | |
| | C4714 | ECEA1HKA4R7 | ELECT | 50V | 4.7μF | | | |
| | C4721 | ECUV1H104KBW | S.M. CAP | 50V | 100nF | | | |
| | C4724 | ECUV1H100DCX | S.M. CAP | 50V | 10pF | | | |
| | C4741 | ECUV1H103KBW | S.M. CAP | 50V | 10nF | | | |
| | C4742 | ECUV1H104ZFX | S.M. CAP | 50V | 100nF | | | |
| | C4743 | ECEA1CKA470 | ELECT | 16V | 47μF | | | |
| | C4744 | ECEA50Z1 | ELECT | 50V | 1μF | | | |
| | C4746 | ECUV1H050DCW | | 50V | 5pF | | | |
| | C4804 | ECEA1EKA4R7 | ELECT | 25V | 4.7μF | | | |
| | C4808 | ECUV1H471JCX | S.M. CAP | 50V | 470pF | | | |
| | C4809 | ECUV1H101JCX | S.M. CAP | 50V | 100pF | | | |
| | C4811 | ECUV1H101JCX | S.M. CAP | 50V | 100pF | | | |
| | C4812 | ECUV1H473ZFX | | 50V | 47nF | | | |
| | C4813 | ECUV1H473ZFX | S.M. CAP | 50V | 47nF | | | |
| | C4814 | ECUV1H473KBW | | 50V | 47nF | | | |
| | C4818 | ECUV1H181JCX | S.M. CAP | 50V | 180pF | | | |
| | C4823 | ECUV1H103KBX | S.M. CAP | 50V | 10nF | | | |
| | C4831 | ECUV1H390JCX | S.M. CAP | 50V | 39pF | | | |
| | C4833 | ECUV1H104KBW | S.M. CAP | 50V | 100nF | | | |
| | C4837 | ECUV1H103KBW | S.M. CAP | 50V | 10nF | | | |
| | C4839 | ECUV1H103KBW | S.M. CAP | 50V | 10nF | | | |
| | C4841 | ECEA1CKA220 | ELECT | 16V | 22μF | | | |
| | C4842 | ECEA1HKA2R2 | ELECT | 50V | 2.2μF | | | |
| | C4843 | ECUV1H473ZFX | S.M. CAP | 50V | 47nF | | | |
| | C4844 | ECEA1CKA470 | ELECT | 16V | 47μF | | | |
| | C4845 | ECUV1H104KBW | S.M. CAP | 50V | 100nF | | | |
| | C4847 | ECUV1H100DCX | S.M. CAP | 50V | 10pF | | | |
| | C4848 | ECUV1H020CCX | | 50V | 2pF | | | |
| | C6301 | ECEA1CU470 | ELECT | 16V | 47μF | | | |
| | C6302 | ECUV1H101JCX | | 50V | 100pF | | | |
| | C6303 | ECUV1H103ZFX | | 50V | 10nF | | | |
| | C6381 | ECUV1H271JCX | | 50V | 270pF | | | |
| | C6391 | ECUV1H271JCX | | 50V | 270pF | | | |
| | C6409 | ECUV1H561JCX | S.M. CAP | 50V | 560pF | | | |
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| Ref No. | Part No. | | Descrip | tion | |
|---------|--------------|----------|---------|-------|--|
| C6410 | ECUV1H561JCX | S.M. CAP | 50V | 560pF | |
| C6491 | ECUV1H271JCX | S.M. CAP | 50V | 270pF | |
| C6591 | ECUV1H271JCX | S.M. CAP | 50V | 270pF | |
| C6607 | ECUV1H102KBX | S.M. CAP | 50V | 1nF | |
| C6610 | ECUV1H102KBX | S.M. CAP | 50V | 1nF | |
| C6812 | ECQE2A154MWE | 3 FILM | 200V | 150nF | |
| C6815 | ECQE2A224MWE | 3 FILM | 200V | 220nF | |

DIODES

| DIODE | :5 | | |
|----------------|-----------------------|-------------------|--|
| D206 | MA4300 | DIODE | |
| D200 D477 | RGP10AF | DIODE | |
| D477 | RGP10AF | DIODE | |
| D476 | RGP10AF | DIODE | |
| | | | |
| D488 | RGP10AF | DIODE | |
| D491 | MA167TA5 | DIODE | |
| D526 | MA165TA5 | DIODE | |
| D527 | EU02 ERB0615 | DIODE TYPESTOWAG | |
| D536 | | DIODE TYPD0753VAG | |
| D537 | TVSRU2AM TVSES1FV1 | DIODE | |
| D544 D547 | AU02V0 | DIODE DIODE | |
| D547 D557 | TVSRU2AM | DIODE | |
| D557 | ERA15-02V3 | DIODE | |
| D562 | MA165TA5 | DIODE | |
| D563 | MA165TA5 | DIODE | |
| D567 | MA4062 | DIODE | |
| D613 | RBV4-08 | DIODE | |
| D622 | EU02 | DIODE | |
| D624 | ERA15-02V3 | DIODE | |
| D636 | EU02 | DIODE | |
| D651 | BYW96D/40 | DIODE | |
| D656 | EU02 | DIODE | |
| D661 | RU3NLFC4 | DIODE | |
| D663 | MA4120 | DIODE | |
| D665 | MA165TA5 | DIODE | |
| D671 | MA750LT | DIODE | |
| D681 | EU02 | DIODE | |
| D686 | RU30LF302 | DIODE | |
| D687 | RU30LF302 | DIODE | |
| D694 | MA2062LF | DIODE | |
| D1012 | MA8110MTX | DIODE | |
| D1033 | MA8120TX | DIODE | |
| D1037 | MA8120TX | DIODE | |
| D1043 | MA8120TX | DIODE | |
| D1047 | MA8120TX | DIODE | |
| D1053 | MA8120TX | DIODE | |
| D1057 | MA8120TX | DIODE | |
| D1061 | MA8120TX | DIODE | |
| D1062 | MA8120TX | DIODE | |
| D1071 | MA110TX | DIODE | |
| D1072 D1073 | MA110TX MA110TX | DIODE DIODE | |
| D1073 | MA8120TX | DIODE | |
| D11122 | MA8120TX | DIODE | |
| D1138 | MA8056TX | DIODE | |
| D1139 | MA8056TX | DIODE | |
| D1144 | MA8120TX | DIODE | |
| D1149 | MA8120TX | DIODE | |
| D1152 | MA8120TX | DIODE | |
| D1174 | MA8120TX | DIODE | |
| D1179 | MA8120TX | DIODE | |
| D1204 | MA8120TX | DIODE | |
| D1209 | MA8120TX | DIODE | |
| D1239 | MA8056TX | DIODE | |
| D1241 | MA110TX | DIODE | |
| D1350 | MA8091TX | DIODE | |
| D1351 | MA110TX | DIODE | |
| D1352 | MA110TX | DIODE | |

| Ref No. | Part No. | Description | |
|----------------|------------------------|---------------------|--|
| D1506 | MA110TX | DIODE | |
| D1507 | MA110TX | DIODE | |
| D1533 D1534 | MA110TX MA8056TX | DIODE DIODE | |
| D1617 | MA110TX | DIODE | |
| D1624 | MA8051MTX | DIODE | |
| D1636 | MA110TX | DIODE | |
| D1657 | ERJ8GEY0R00 | METAL 0.125W 1% 0 ^ | |
| D1678 | MA8200TX | DIODE | |
| D1679 | MA110TX | DIODE | |
| D1683 D1702 | MA110TX MA110TX | DIODE DIODE | |
| D1702 | MA110TX | DIODE | |
| D1707 | MA110TX | DIODE | |
| D1709 | MA110TX | DIODE | |
| D1724 | MA110TX | DIODE | |
| D1726 | MA110TX | DIODE | |
| D1772 | MA8056TX | DIODE DIODE | |
| D1774 | MA8056TX MA8056TX | DIODE | |
| D1779 | MA8056TX | DIODE | |
| D1793 | MA110TX | DIODE | |
| D1794 | MA110TX | DIODE | |
| D1941 | MA8056TX | DIODE | |
| D1961 | MA110TX | DIODE | |
| D1962 D1963 | MA8091TX MA110TX | DIODE DIODE | |
| D1966 | MA110TX | DIODE | |
| D3126 | PMLL4148L | DIODE | |
| D3127 | PMLL4148L | DIODE | |
| D3133 | PMLL4148L | DIODE | |
| D3138 | PMLL4148L | DIODE | |
| D3352 | PMLL4148L PMLL4148L | DIODE DIODE | |
| D3356 | PMLL4148L | DIODE | |
| D3357 | PMLL4148L | DIODE | |
| D3358 | PMLL4148L | DIODE | |
| D3368 | PMLL4148L | DIODE | |
| D3373 | PMLL4148L | DIODE | |
| D3374 | PMLL4148L PMLL4148L | DIODE DIODE | |
| D3383 | PMLL4148L | DIODE | |
| D3384 | PMLL4148L | DIODE | |
| D3387 | PMLL4148L | DIODE | |
| D3393 | PMLL4148L | DIODE | |
| D3394 | PMLL4148L PMLL4148L | DIODE DIODE | |
| D3397 D4501 | BA582 | DIODE | |
| D4502 | BA582 | DIODE | |
| D4507 | BA582 | DIODE | |
| D4711 | BB515E7908 | DIODE | |
| D4713 | BB515E7908 | DIODE | |
| D4812 | BB512E7263 BA582 | DIODE DIODE | |
| D4818 | BB619E7263 | DIODE | |
| D4832 | BB619E7263 | DIODE | |
| D4837 | BA582 | DIODE | |
| D4839 | BA582 | DIODE | |
| D6301 | LN81RPHL | DIODE DIODE | |
| D6381 D6382 | PMLL4148L PMLL4148L | DIODE | |
| D6391 | PMLL4148L | DIODE | |
| D6392 | PMLL4148L | DIODE | |
| D6491 | PMLL4148L | DIODE | |
| D6492 | PMLL4148L | DIODE DIODE | |
| D6591 D6592 | PMLL4148L PMLL4148L | DIODE | |
| | , | | |
| | | | |

| F | Ref No. | Part No. | Description |
|---|----------------|---------------------------|---|
| - | | RATED CIRCU | · · · · · · · · · · · · · · · · · · · |
| | | MAILD OMIGG | |
| | 1474 | TDA2030AV | AUDIO OUTPUT I.C. |
| İ | 1484 | TDA2030AV | AUDIO OUTPUT I.C. |
| | I561 | TDA8175 | VERTICAL OUTPUT I.C. I.C. POWER SUPPLY |
| | 1611 1666 | TDA4601 TL431ACLPM | REGULATOR I.C. |
| | 1676 | TL431ACLPM | REGULATOR I.C. |
| | 1691 | AN78L05TA | 5V REGULATOR I.C. |
| | 11021 | TEA6420/L | I.C. AUDIO SWITCH |
| 1 | I1101 | TEA6415B | I.C. SWITCH |
| | I1106 | TEA6415B | I.C. SWITCH |
| | 11301 11501 | ACP2371-43 DPU2553-25 | AUDIO CONTROL PROCESSOR DEFLECTION PROCESSING UNI |
| | 11601 | SAD2140 | ANALOGUE TO DIGITAL CONVE |
| | 11621 | SPU2243-14 | SECAM PROCESSOR UNIT |
| | 11631 | ACVP2205-26 | CHROMA PROCESSOR |
| | 11651 | MCU2600-58 | MASTER CLOCK UNIT I.C. |
| | I1661 | DTI2223-14 | DIGITAL TRANSIENT IMPROVE |
| | 11671 | VDU2146 | VIDEO DISPLAY UNIT |
| Ì | 1761 1771 | MN8333 TPU2735 | DISPLAY FEATURE UNIT TELETEXT PROCESSING UNIT |
| | 11771 | MN41256AJ08T | DYNAMIC RAM I.C. |
| | 11801 | CCU3000 | CENTRAL CONTROL UNIT I.C. |
| | 11871 | 27C010-150DC | EPROM |
| | 11941 | X24C16-PCM | EEPROM I.C. |
| | 14502 | | IF CONTROL I.C. |
| | 14700 | TDA3853T | VIF I.C. SIF I.C. |
| | 14800 16301 | TDA3857 RPM_637CRRS1 | REMOTE RECEIVER |
| | 10001 | 111 111 007 001101 | 1.EM3 12 1.E32 11 - 11 |
| | COILS | S | |
| | L201 | ELER6R8KA | COIL |
| | L202 | ELER6R8KA | COIL |
| | L203 | ELER100KA | COIL |
| | L204 | ELER220KA | COIL |
| | L521 | ELER220KA | COIL |
| | L538 | 297-020466 ELC08D055 | COIL |
| | L542 L581 | ELER220KA | COIL |
| | L594 | 297-017696 | COIL |
| | L618 | 2982-021762 | COIL |
| ŀ | L623 | 298-19711 | COIL |
| | L624 | ELER2R2KA | COIL |
| | L626 L636 | 298-82858001 ELER4R7KA | COIL |
| | L651 | 298-79726002 | COIL |
| | L686 | EXCELSA35T | COIL |
| | L687 | EXCELSA35T | COIL |
| | L1001 | ELEV4R7KA | COIL |
| | L1301 | ELEV4R7KA | COIL |
| | L1304 L1308 | ELEV4R7KA ELEV4R7KA | COIL |
| ١ | L1321 | P718YXH1209Z | COIL |
| | L1502 | ELEV4R7KA | COIL |
| | L1601 | ELEV4R7KA | COIL |
| | L1603 | EXCELDR35V | COIL |
| ١ | L1604 | EXCEMT101BT | COIL |
| | L1607 L1609 | ELEMV1R5MA ELEMV1R5MA | COIL |
| | L1609 | EXCELDR35V | COIL |
| | L1622 | ELEV4R7KA | COIL |
| | L1631 | EXCELDR35V | COIL |
| | L1651 | EXCELDR35V | COIL |
| | L1661 | EXCELDR35V | COIL |
| | L1662 L1671 | EXCELDR35V ELEV4R7KA | COIL COIL |
| | L1671 | ELEV4R7KA | COIL |
| | | | |

| Ref No. | Part No. | Description | R | ef No. | Part No. | Description |
|----------------|----------------------------|--------------------------|-----|----------------|---------------------|--------------------------|
| L1676 | ELEV4R7KA | COIL | | Q1351 | BC857B | TRANSISTOR |
| L1687 | ELEV4R7KA | COIL | | Q1379 | BC850B | TRANISITOR |
| L1726 | ELEV4R7KA | COIL | | Q1389 | BC850B | TRANISITOR |
| L1744 | EXCEMT101BT | COIL | 1 | Q1524 | BC847B | TRANSISTOR |
| L1747 | EXCEMT101BT | COIL | | Q1531 | BC847B | TRANSISTOR |
| L1749 | EXCENTIOIBT | COIL | | Q1533 | BC847B | TRANSISTOR |
| L1751 L1761 | EXCELDR35V EXCELDR35V | COIL | į | Q1536 | BC847B | TRANSISTOR |
| L1771 | EXCELDR35V | COIL | | Q1541 | BC847B | TRANSISTOR |
| L1772 | EXCEMT220BT | COIL | | Q1624 | BC847B | TRANSISTOR |
| L1774 | EXCEMT220BT | COIL | | Q1627 | BC847B | TRANSISTOR |
| L1777 | EXCEMT220BT | COIL | | Q1642 | BC847B | TRANSISTOR |
| L1779 | EXCEMT220BT | COIL | | Q1702 | BC847B | TRANSISTOR |
| L1786 | EXCELDR35V | COIL | | Q1706 | BC847B BC847B | TRANSISTOR |
| L1801 | ELEV4R7KA | COIL | | Q1723 Q1728 | BC857B | TRANSISTOR TRANSISTOR |
| L1871 | EXCELDR35V | COIL | Ì | Q1728 Q1779 | BC847B | TRANSISTOR |
| L1888 | ELEV4R7KA | COIL | | Q1775 Q1816 | BC847B | TRANSISTOR |
| L1931 L1941 | ELEV4R7KA EXCELDR35V | COIL | | Q1822 | BC847B | TRANSISTOR |
| L1971 | EXCELDR35V | COIL | | Q1824 | BC847B | TRANSISTOR |
| L1974 | EXCELDR35V | COIL | | Q1827 | BC857B | TRANSISTOR |
| L1976 | EXCELDR35V | COIL | | Q1831 | BC847B | TRANSISTOR |
| L3161 | SDL-4101 | COIL | | Q1839 | BC847B | TRANSISTOR |
| L3171 | SDL-4101 | COIL | | Q1857 | BC847B | TRANSISTOR |
| L3181 | SDL-4101 | COIL | | Q1894 | BC857B | TRANSISTOR |
| L4551 | TLT181K991R | COIL | | Q1898 | BC847B | TRANSISTOR |
| L4701 | TLTR33L991R | COIL | | Q1963 | BC847B | TRANSISTOR |
| L4712 | EIV7EN168B | COIL | | Q1967 | BC847B | TRANSISTOR |
| L4731 L4808 | TLT100K991R EIS7EN045B | COIL | | Q3108 | BC847B | TRANSISTOR |
| L4812 | EIS7EN045B | COIL | ŀ | Q3109 | BC847B | TRANSISTOR |
| L4831 | EIV7EN168B | COIL | | Q3111 | BC857B | TRANSISTOR |
| L6403 | ELEBT6R8KA | COIL | | Q3122 | BC847B | TRANSISTOR |
| L6404 | ELEBT6R8KA | COIL | | Q3126 | BC847B | TRANSISTOR |
| L6811 | ELF18D424 | LINE FILTER | | Q3127 | BC857B | TRANSISTOR |
| | | | | Q3131 | 2SB940APLB | TRANSISTOR |
| | | | | Q3136 Q3143 | 2SD1264APLB | TRANSISTOR |
| TRAN | SISTORS | | | Q3143 Q3162 | BC847B BC857B | TRANSISTOR TRANSISTOR |
| | 01010110 | | | Q3164 | BC847B | TRANSISTOR |
| | | | | Q3166 | BC857B | TRANSISTOR |
| Q496 | JC547B-126 | TRANSISTOR | | Q3169 | BC857B | TRANSISTOR |
| Q498 | JC547B-126 | TRANSISTOR | | Q3172 | BC857B | TRANSISTOR |
| Q526 Q534 | 2SC3944RLB S2000AFLBLOE | TRANSISTOR TRANSISTOR | | Q3174 | BC847B | TRANSISTOR |
| Q583 | JC547B-126 | TRANSISTOR | | Q3176 | BC857B | TRANSISTOR |
| Q585 | JC557B-126 | TRANSISTOR | | Q3179 | BC857B | TRANSISTOR |
| Q587 | JC557B-126 | TRANSISTOR | | Q3182 | BC857B | TRANSISTOR |
| Q593 | 2SC1318-S | TRANSISTOR | | Q3184 | BC847B | TRANSISTOR |
| Q594 | 2SD1265A | TRANSISTOR | | Q3186 | BC857B | TRANSISTOR |
| Q624 | S2000AFLBLOE | TRANSISTOR | | Q3189 | BC857B | TRANSISTOR |
| Q663 | BUZ71AF1 | TRANSISTOR | 1 | Q3357 | BC857B | TRANSISTOR |
| Q674 Q681 | BUZ71AF1 | TRANSISTOR TRANSISTOR | | Q3359 | BC847B | TRANSISTOR |
| Q682 | JC557B-126 BC638 | TRANSISTOR | | Q3368 | 2SB710A-XR | TRANSISTOR |
| Q697 | JC557B-126 | TRANSISTOR | | Q3371 | BC857B | TRANSISTOR |
| Q1011 | 2SC3940TA-R | TRANSISTOR | | Q3373 | 2SC4714RL2 | TRANSISTOR |
| Q1033 | BC847B | TRANSISTOR | | Q3374 | 2SC3063RL | TRANSISTOR |
| Q1037 | BC847B | TRANSISTOR | | Q3377 | 2SA1698RL BC857B | TRANSISTOR |
| Q1043 | BC847B | TRANSISTOR | | Q3381 Q3383 | 2SC4714RL2 | TRANSISTOR TRANSISTOR |
| Q1047 | BC847B | TRANSISTOR | | Q3384 | 2SC3063RL | TRANSISTOR |
| Q1053 | BC847B | TRANSISTOR | | Q3387 | 2SA1698RL | TRANSISTOR |
| Q1057 | BC847B | TRANSISTOR | | Q3391 | BC857B | TRANSISTOR |
| Q1124 Q1138 | BC847B | TRANSISTOR | | Q3393 | 2SC4714RL2 | TRANSISTOR |
| Q1138 | BC847B BC847B | TRANSISTOR TRANSISTOR | | Q3394 | 2SC3063RL | TRANSISTOR |
| Q1151 | BC807-25 | TRANSISTOR | | Q3397 | 2SA1698RL | TRANSISTOR |
| Q1154 | BC847B | TRANSISTOR | | Q4721 | BC847B | TRANSISTOR |
| Q1244 | BC817-25 | TRANSISTOR | | Q4722 | BC847B | TRANSISTOR |
| Q1248 | BC857B | TRANSISTOR | | Q6301 | BC847B | TRANSISTOR |
| Q1252 | BC847B | TRANSISTOR | | | | |
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| Ref No. | Part No. | Descrip | otion | Ref No. |
|--------------|------------------------------|------------------------------|--|----------------|
| RESIS | STORS | | | R597 |
| R206 | ERG2ANJ223 | METAL 2W | 5% 22KΩ | R599 |
| R207 | ERD25TJ223 | CARBON 0.25W | 5% 22KΩ | R612 |
| R208 | ERO25CKF1000 | METAL 0.25W | 1% 100Ω Δ | R613 R619 |
| R460 R461 | ERD25TC0T ERDS2TC0V | WIRE LINK WIRE LINK | | R621 |
| R466 | ERG2ANJ471 | METAL 2W | 5% 470Ω | R623 |
| R468 | ERG2ANJ471 | METAL 2W | 5% 470Ω | R624 |
| R471 | ERD25TJ471 | CARBON 0.25W | 5% 470Ω | R625 |
| R472 R473 | ERD25TJ104 ERD25TJ122 | CARBON 0.25W CARBON 0.25W | 5% 100KΩ 5% 1K2Ω | R626 R627 |
| R473 | ERD2513122 ERD25TJ683 | CARBON 0.25W | 5% 68KΩ | R628 |
| R477 | ERD25TJ683 | CARBON 0.25W | 5% 68KΩ | R629 |
| R478 | ERD25TJ104 | CARBON 0.25W | 5%100ΚΩ | R631 |
| R479 | ERDS1TJ1R0 | CARBON 0.5W CARBON 0.25W | 5% 1Ω 5% 470Ω | R632 |
| R481 R482 | ERD25TJ471 ERD25TJ104 | CARBON 0.25W | 5% 470s2 5%100KΩ | R633 P633 |
| R483 | ERD25TJ122 | CARBON 0.25W | 5% 1K2Ω | R636 |
| R484 | ERD25TJ683 | CARBON 0,25W | 5% 68KΩ | R637 |
| R487 | ERD25TJ683 | CARBON 0.25W | 5% 68KΩ | R639 |
| R488 R489 | ERD25TJ104 ERDS1TJ1R0 | CARBON 0.25W CARBON 0.5W | 5% 100KΩ 5% 1Ω | R651 |
| R491 | ERQ14AJ100 | METAL 0.25W | 5% 10Ω Δ | R667 |
| R492 | ERD25TJ102 | CARBON 0.25W | 5% 1KΩ | R668 R669 |
| R496 | ERD25TJ102 | CARBON 0.25W | 5% 1KΩ | R674 |
| R498 | ERD25TJ102 | CARBON 0.25W | 5% 1KΩ | R676 |
| R521 R526 | ERQ14AJ3R3 ERD25TJ560 | METAL 0.25W CARBON 0.25W | 5% 3R3Ω Δ 5% 56Ω | R677 |
| R527 | ERDS1TJ153 | CARBON 0.5W | 5% 15KΩ | R678 |
| R528 | ERDS1TJ153 | CARBON 0.5W | 5% 15KΩ | R679 R681 |
| R529 | ERDS1TJ153 | CARBON 0.5W | 5% 15KΩ | R682 |
| R530 | ERDS1TJ153 | CARBON 0.5W WIREWOUND10W | 5% 15KΩ 5% 10Ω Δ | R683 |
| R531 R533 | ERF10ZJ100 ERDS1TJ220 | CARBON 0.5W | 5% 10Ω ΔΩ 5% 22Ω | R684 |
| R536 | ERDS2TC0V | WIRE LINK | Q // Q | R685 R686 |
| R537 | ERDS2TC0V | WIRE LINK | | R687 |
| R538 | ERDS2TC0V | WIRE LINK | | R688 |
| R539 R541 | ERDS2TC0V ERG1ANJ152 | WIRE LINK METAL 1W | 5% 1K5Ω | R691 |
| R542 | ERQ12AJ101 | FUSABLE 0.5W | 5% 100Ω Δ | R696 |
| R547 | ERQ12HJ4R7 | METAL 0.5W | 5% 4R7Ω 🗘 | R697 R698 |
| R548 | ERQ14AJ330 | METAL 0.25W | 5% 33Ω Δ | R1001 |
| R557 | ERQ12HKR22 | FUSIBLE 0.5W | 5%0R22Ω Δ | R1003 |
| R561 R563 | ERQ12HJ1R5 ERD25TJ104 | FUSIBLE 0.5W CARBON 0.25W | 5% 1R5Ω Δ 5%100KΩ | R1006 |
| R564 | ERD25TJ223 | CARBON 0.25W | 5% 100Ks2 5% 22KΩ | R1011 |
| R566 | ERO25CKF4701 | | 1% 4K7Ω 🛦 | R1012 R1016 |
| R567 | ERD25TJ472 | CARBON 0.25W | 5% 4K7Ω | R1017 |
| R568 | ERD25TJ1R5 | CARBON 0.25W | 5% 1R5Ω 5% 220Ω | R1021 |
| R569 R571 | ERDS1TJ221 ERDS1TJ680 | CARBON 0.5W CARBON 0.5W | 5% 22002 5% 68Ω | R1023 |
| R572 | ERO25CKF1801 | | 1% 1K8Ω Δ | R1024 R1027 |
| R573 | ERO25CKF1801 | METAL 0.25W | 1% 1K8Ω Δ | R1027 |
| R575 | ERDS1TJ561 | CARBON 0.5W | 5% 560Ω | R1030 |
| R576 | ERO25CKF2202 | | 1% 22KΩ Δ | R1031 |
| R578 | ERO25CKF68R0 | | 1% 68Ω Δ 1% 10KΩ Δ | R1032 |
| R579 R583 | ERO25CKF1002 ERO25CKF1000 | | 1% 100Ω Δ | R1033 R1034 |
| R584 | ERO25CKF2201 | | 1% 2K2Ω Δ | R1035 |
| R585 | ERD25TJ472 | CARBON 0.25W | 5% 4Κ7Ω | R1036 |
| R586 | ERO25CKF1002 | | 1% 10ΚΩ Δ | R1037 |
| R587 | ERO25CKF3901 | | 1% 3K9Ω Δ | R1038 R1039 |
| R588 | ERO25CKF8201 | | 1% 8K2 Ω Δ 1% 3K3 Ω Δ | R1039 |
| R591 R592 | ERO25CKF3301 ERO25CKF1501 | | 1% 3K3Ω Δ 1% 15Ω Δ | R1041 |
| R593 | ERO25CKF5601 | | 1% 5K6Ω Δ | R1042 |
| R594 | ERD25TJ102 | CARBON 0.25W | 5% 1KΩ | R1043 |
| | | | | |

| Ref No. | Part No. | Descrip | tion |
|----------------|----------------------------|----------------------------------|----------------------------|
| R597 | ERD25TJ105 | CARBON 0.25W | 5% 1MΩ |
| R599 | ERD25TJ472 | CARBON 0.25W | 5% 4K7Ω |
| R612 | ERC12ZGK335D | SOLID 0.5W | 10% 3M3Ω |
| R613 | ERF7ZK3R3 | WOUND 7W | 20% 3R3 Ω Λ |
| R619 | TRPW5B0N120D | THERMISTOR | |
| R621 | ERG3FJ682H | METAL 3W | 5% 6K8 Ω Λ |
| R623 | ERX12SJR47 | METAL 0.5W | $5\%0R47\Omega$ |
| R624 | ERDS1TJ220 | CARBON 0.5W | 5% 22Ω |
| R625 | ERG5FJ472 | METAL 5W | 5% 4K7Ω Δ |
| R626 | ERD50TJ564 | CARBON 0.5W | 5% 560KΩ |
| R627 | ERD50TJ564 | CARBON 0.5W | 5% 560KΩ |
| R628 R629 | ERC12GK474V ERD25TJ682 | CARBON 0.5W CARBON 0.25W | 5% 470KΩ 5% 6K8Ω |
| R631 | ERD25TJ002 ERD25TJ221 | CARBON 0.25W | 5% 0K0s2 5% 220Ω |
| R632 | ERO25CKF1201 | METAL 0,25W | 1% 1K2Ω Δ |
| R633 | ERO25CKF1302 | METAL 0.25W | 1% 13ΚΩ Δ |
| P633 | EVND4AA00B53 | CONTROL | 5KΩ |
| R636 | ERD25TJ103 | CARBON 0.25W | 5% 10KΩ |
| R637 | ERG3FJ470 | METAL 3W | 5% 47Ω Δ |
| R639 | ERD75TAJ825 | CARBON 0.75W | 5% 8M2Ω Δ |
| R651 | ERDS1TJ104 | CARBON 0.5W | 5% 100ΚΩ |
| R667 | ERD25TJ472 | CARBON 0.25W | 5% 4K7Ω |
| R668 | ERO25CKF1802 | METAL 0.25W | 1% 18 ΚΩ Δ |
| R669 | ERO25CKF4701 | METAL 0.25W | 1% 4K7Ω Δ |
| R674 | ERD25TJ223 | CARBON 0.25W | 5% 22KΩ |
| R676 | ERD25TJ472 | CARBON 0.25W | 5% 4K7 Ω |
| R677 | ERO25CKF1002 | METAL 0.25W | 1% 10KΩ Λ |
| R678 | ERO25CKF1002 | METAL 0.25W | 1% 10KΩ Δ |
| R679 | ERDS1TJ474 | CARBON 0.5W | $5\%470$ K Ω |
| R681 | ERDS1TJ3R3 | CARBON 0.5W | 5% 3R3 Ω |
| R682 | ERD25TJ330 | CARBON 0.25W | 5% 33Ω |
| R683 | ERD25TJ471 | CARBON 0.25W | 5% 470Ω |
| R684 | ERD25TJ103 | CARBON 0.25W | 5% 10KΩ |
| R685 | ERG3FJ101 | METAL 3W | 5% 100Ω Δ |
| R686 | NKS2 | FUSABLE 0.25W | 5% 0.1Ω |
| R687 | NKS2 | FUSABLE 0.25W | 5% 0.1Ω 5% 100Ω Δ |
| R688 | ERG3FJ101 | METAL 3W | |
| R691 R696 | ERQ14AJ330 ERD25TJ473 | METAL 0.25W CARBON 0.25W | 5% 33Ω Δ 5% 47KΩ |
| | ERD25TJ103 | CARBON 0.25W | 5% 47KΩ 5% 10KΩ |
| R697 R698 | ERD25TJ102 | CARBON 0.25W | 5% 1KΩ |
| R1001 | ERJ8GEY0R00 | METAL 0.125W | 1% 0Ω |
| R1003 | ERQ14AJ100 | METAL 0.25W | 5% 10Ω Δ |
| R1006 | ERQ14AJ100 | METAL 0.25W | 5% 10Ω Δ |
| R1011 | ERJ8GEYJ151 | S.M.CAR 0.125W | 5% 150Ω |
| R1012 | ERQ14AJ4R7 | METAL 0.25W | 5% 4R7Ω Δ |
| R1016 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R1017 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R1021 | ERQ14AJ101 | METAL 0.25W | 5% 100Ω Δ |
| R1023 | ERJ8GEY0R00 | METAL 0.125W | 1% 0Ω |
| R1024 | ERJ8GEY0R00 | METAL 0.125W | 1% 0Ω |
| R1027 | ERJ8GEY0R00 | METAL 0.125W | 1% 0Ω |
| R1028 | ERJ8GEY0R00 | METAL 0.125W | 1% 0Ω |
| R1030 | ERJ8GEYJ153 | S.M.CAR 0.125W | 5% 15KΩ |
| R1031 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R1032 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R1033 R1034 | ERJ8GEYJ101 ERJ8GEYJ473 | S.M.CAR 0.125W S.M.CAR 0.125W | 5% 100Ω 5% 47KΩ |
| R1034 R1035 | ERJ8GEYJ153 | S.M.CAR 0.125W | 5% 47KΩ 5% 15KΩ |
| R1036 | ERJ8GEYJ331 | S.M.CAR 0.125W | 5% 330Ω |
| R1037 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R1038 | ERJ8GEYJ331 | S.M.CAR 0.125 | 5% 330Ω |
| R1039 | ERJ8GEYJ473 | S.M.CAR 0.125W | 5% 47KΩ |
| R1040 | ERJ8GEYJ153 | S.M.CAR 0.125W | 5% 15KΩ |
| R1041 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R1042 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R1043 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| | | | |

| Ref No. | Part No. | Descrip | tion |
|---------|-------------|----------------|-------------------|
| | ERJ8GEYJ473 | S.M.CAR 0.125W | 5% 47KΩ |
| R1044 | | | |
| R1045 | ERJ8GEYJ153 | S.M.CAR 0.125W | 5% 15KΩ |
| R1046 | ERJ8GEYJ331 | S.M.CAR 0.125 | 5% 330Ω |
| R1047 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R1048 | ERJ8GEYJ331 | S.M.CAR 0.125 | 5% 330Ω |
| R1049 | ERJ8GEYJ473 | S.M.CAR 0.125W | 5% 47KΩ |
| R1053 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| 1 | | S.M.CAR 0.125W | 5% 47KΩ |
| R1054 | ERJ8GEYJ473 | | |
| R1056 | ERJ8GEYJ331 | S.M.CAR 0.125 | 5% 330Ω |
| R1057 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R1058 | ERJ8GEYJ473 | S.M.CAR 0.125W | 5% 47KΩ |
| R1059 | ERJ8GEYJ331 | S.M.CAR 0.125 | 5% 330Ω |
| R1061 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R1062 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R1063 | ERJ8GEYJ153 | - | 5% 15KΩ |
| R1064 | ERJ8GEYJ153 | S.M.CAR 0.125W | 5% 15KΩ |
| | | | |
| R1071 | ERJ8GEYJ102 | S.M.CAR 0.125W | 5% 1K0Ω |
| R1072 | ERJ8GEYJ102 | S.M.CAR 0.125W | 5% 1K0Ω |
| R1073 | ERJ8GEYJ102 | S.M.CAR 0.125W | 5% 1K0Ω |
| R1074 | ERJ8GEYJ102 | S.M.CAR 0.125W | 5% 1K0Ω |
| R1076 | ERJ8GEYJ102 | S.M.CAR 0.125W | 5% 1K0Ω |
| R1077 | ERJ8GEYJ102 | S.M.CAR 0.125W | 5% 1K0Ω |
| R1078 | ERJ8GEYJ474 | S.M.CAR 0.125W | 5%470KΩ |
| R1081 | ERJ8GEY0R00 | METAL 0.125W | 1% 0Ω |
| | | | |
| R1082 | ERJ8GEY0R00 | METAL 0.125W | 1% 0Ω |
| R1085 | ERJ8GEY0R00 | METAL 0.125W | 1% 0Ω |
| R1086 | ERJ8GEY0R00 | METAL 0.125W | 1% 0Ω |
| R1087 | ERJ8GEY0R00 | METAL 0.125W | 1% 0Ω |
| R1106 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R1108 | ERJ8GEYJ223 | S.M.CAR 0.125 | 5% 22KΩ |
| R1109 | ERJ8GEYJ183 | S.M.CAR 0.125W | 5% 180Ω |
| R1111 | ERJ8GEYJ750 | S.M.CAR 0.125W | 5% 75Ω |
| R1112 | ERJ8GEYJ470 | S.M.CAR 0.125 | 5% 47Ω |
| | | | |
| R1113 | ERJ8GEYJ223 | S.M.CAR 0.125 | 5% 22KΩ |
| R1114 | ERJ8GEYJ183 | S.M.CAR 0.125W | 5% 180Ω |
| R1121 | ERJ8GEYJ750 | S.M.CAR 0.125W | 5% 75Ω |
| R1122 | ERJ8GEY0R00 | METAL 0.125W | 1% 0Ω |
| R1124 | ERJ8GEYJ102 | S.M.CAR 0.125W | 5% 1K0 Ω |
| R1126 | ERJ8GEYJ680 | S.M.CAR 0.125W | 5% 68Ω |
| R1127 | ERJ8GEYJ103 | S.M.CAR 0.125W | 5% 10 K Ω |
| R1128 | ERJ8GEYJ333 | S.M.CAR 0.125 | 5% 33KΩ |
| R1131 | ERJ8GEYJ103 | | 5% 10KΩ |
| | | S.M.CAR 0.125W | 5% 100Ω |
| R1132 | ERJ8GEYJ101 | | |
| R1138 | ERJ8GEYJ103 | S.M.CAR 0.125W | 5% 10KΩ |
| R1139 | ERJ8GEYJ103 | S.M.CAR 0.125W | 5% 10KΩ |
| R1141 | ERJ8GEYJ750 | S.M.CAR 0.125W | 5% 75Ω |
| R1142 | ERJ8GEYJ470 | S.M.CAR 0.125 | 5% 47Ω |
| R1143 | ERJ8GEYJ223 | S.M.CAR 0.125 | 5% 22KΩ |
| R1144 | ERJ8GEYJ183 | S.M.CAR 0.125W | 5% 180Ω |
| R1146 | ERJ8GEYJ750 | S.M.CAR 0.125W | 5% 75Ω |
| R1147 | ERJ8GEYJ470 | S.M.CAR 0.125 | 5% 47Ω |
| R1148 | ERJ8GEYJ223 | S.M.CAR 0.125 | 5% 22KΩ |
| R1149 | ERJ8GEYJ183 | S.M.CAR 0.125W | 5% 180Ω |
| | | | |
| R1151 | ERJ8GEYJ560 | S.M.CAR 0.125W | |
| R1152 | ERJ8GEYJ121 | S.M.CAR 0.125W | 5% 120Ω |
| R1153 | ERJ8GEYJ151 | S.M.CAR 0.125W | 5% 150Ω |
| R1154 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R1156 | ERJ8GEYJ681 | S.M.CAR 0.125W | 5% 680Ω |
| R1157 | ERJ8GEYJ683 | S.M.CAR 0.125W | 5% 68KΩ |
| R1158 | ERJ8GEYJ153 | S.M.CAR 0.125W | 5% 15KΩ |
| R1159 | ERJ8GEYJ152 | S.M.CAR 0.125W | 5% 1K5Ω |
| R1161 | ERJ8GEYJ103 | S.M.CAR 0.125W | 5% 10KΩ |
| R1162 | ERJ8GEYJ103 | S.M.CAR 0.125W | 5% 10KΩ |
| R1163 | ERJ8GEYJ103 | S.M.CAR 0.125W | 5% 10KΩ |
| | | | |
| R1164 | | S.M.CAR 0.125W | 5% 1K5Ω |
| R1173 | ERJ8GEYJ223 | S.M.CAR 0.125 | 5% 22KΩ |
| R1174 | | S.M.CAR 0.125W | 5% 180Ω |
| R1178 | | S.M.CAR 0.125 | 5% 22KΩ |
| R1179 | | S.M.CAR 0.125W | 5% 180Ω |
| R1201 | ERJ8GEYJ750 | S.M.CAR 0.125W | 5% 75Ω |
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| Ref No. | Part No. | Descripti | on |
|---------|--------------|----------------|-------------------|
| R1202 | ERJ8GEYJ470 | S.M.CAR 0.125 | 5% 47Ω |
| R1203 | ERJ8GEYJ223 | S.M.CAR 0.125 | 5% 22KΩ |
| R1204 | ERJ8GEYJ183 | S.M.CAR 0.125W | 5% 180Ω |
| R1206 | ERJ8GEYJ750 | S.M.CAR 0.125W | 5% 75Ω |
| R1207 | ERJ8GEYJ470 | S.M.CAR 0.125 | 5% 47Ω |
| R1208 | ERJ8GEYJ223 | S.M.CAR 0.125 | 5% 22KΩ |
| R1209 | ERJ8GEYJ183 | S.M.CAR 0.125W | 5% 180Ω |
| R1211 | ERJ8GEY0R00 | METAL 0.125W | 1% 0Ω |
| R1212 | ERJ8GEYJ223 | S.M.CAR 0.125 | 5% 22KΩ |
| R1213 | ERJ8GEYJ183 | S.M.CAR 0.125W | 5% 180Ω |
| R1216 | ERJ8GEY0R00 | METAL 0.125W | 1% 0Ω |
| R1217 | ERJ8GEYJ223 | S.M.CAR 0.125 | 5% 22KΩ |
| R1218 | ERJ8GEYJ183 | S.M.CAR 0.125W | 5% 180Ω |
| R1221 | ERJ8GEY0R00 | METAL 0.125W | 1% 0Ω |
| R1222 | ERJ8GEYJ223 | S.M.CAR 0.125 | 5% 22KΩ |
| R1223 | ERJ8GEYJ183 | S.M.CAR 0.125W | 5% 180Ω |
| R1227 | ERJ8GEYJ470 | S.M.CAR 0.125 | 5% 47Ω |
| P1227 | EVND4AA00B12 | CONTROL | 1KΩ |
| R1228 | ERJ8GEYJ223 | S.M.CAR 0.125 | 5% 22KΩ |
| R1229 | ERJ8GEYJ183 | S.M.CAR 0.125W | 5% 180Ω |
| R1239 | ERJ8GEYJ152 | S.M.CAR 0.125W | 5% 1K5Ω |
| R1239 | ERJ8GEYJ750 | S.M.CAR 0.125W | 5% 1K5Ω 5% 75Ω |
| | | | |
| R1243 | ERJ8GEYJ680 | S.M.CAR 0.125W | 5% 68Ω 5% 47Ω |
| R1244 | ERJ8GEYJ470 | S.M.CAR 0.125 | |
| R1245 | ERJ8GEYJ391 | S.M.CAR 0.125 | 5% 390Ω |
| R1246 | ERJ8GEYJ271 | S.M.CAR 0.125 | 5% 270Ω |
| R1247 | ERJ8GEYJ223 | S.M.CAR 0.125 | 5% 22KΩ |
| R1248 | ERJ8GEYJ332 | S.M.CAR 0.125 | 5% 3K3Ω |
| R1249 | ERJ8GEYJ680 | S.M.CAR 0.125W | 5% 68Ω |
| R1250 | ERJ8GEYJ470 | S.M.CAR 0.125 | 5% 47Ω |
| R1251 | ERJ8GEYJ103 | S.M.CAR 0.125W | 5% 10KΩ |
| R1252 | ERJ8GEYJ122 | S.M.CAR 0.125W | 5% 1K2Ω |
| R1253 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R1254 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R1256 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R1305 | ERJ8GEYJ102 | S.M.CAR 0.125W | 5% 1K0Ω |
| R1307 | ERJ8GEYJ333 | S.M.CAR 0.125 | 5% 33KΩ |
| R1310 | ERJ8GEYJ102 | S.M.CAR 0.125W | 5% 1K0Ω |
| R1311 | ERJ8GEYJ472 | S.M.CAR 0.125W | 5% 4K7Ω |
| R1312 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R1314 | ERJ8GEYJ472 | S.M.CAR 0.125W | 5% 4K7Ω |
| R1315 | ERJ8GEYJ102 | S.M.CAR 0.125W | 5% 1K0Ω |
| R1317 | ERJ8GEYJ472 | S.M.CAR 0.125W | 5% 4K7Ω |
| R1318 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R1323 | ERJ8GEYJ102 | S.M.CAR 0.125W | 5% 1K0Ω |
| R1324 | ERJ8GEYJ102 | S.M.CAR 0.125W | 5% 1K0Ω |
| R1331 | ERJ8GEY0R00 | METAL 0.125W | 1% 0Ω |
| R1343 | ERJ8GEYJ683 | S.M.CAR 0.125W | 5% 68KΩ |
| R1349 | ERJ8GEYJ473 | S.M.CAR 0.125W | 5% 47KΩ |
| R1350 | ERJ8GEYJ223 | S.M.CAR 0.125 | 5% 22KΩ |
| R1351 | ERJ8GEYJ473 | S.M.CAR 0.125W | 5% 47KΩ |
| R1353 | ERJ8GEYJ473 | S.M.CAR 0.125W | 5% 47KΩ |
| R1354 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R1356 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R1357 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R1371 | ERJ8GEYJ471 | S.M.CAR 0.125W | 5% 470Ω |
| R1372 | ERJ8GEYJ472 | S.M.CAR 0.125W | 5% 4K7Ω |
| R1373 | ERJ8GEYJ224 | S.M.CAR 0.125 | 5% 220KΩ |
| R1374 | ERJ8GEYJ224 | S.M.CAR 0.125 | 5% 220KΩ |
| R1375 | ERJ8GEYJ471 | S.M.CAR 0.125W | 5% 470Ω |
| R1376 | ERJ8GEYJ222 | S.M.CAR 0.125 | 5% 2K2Ω |
| R1377 | ERJ8GEYJ222 | S.M.CAR 0.125 | 5% 2K2Ω |
| R1378 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R1379 | ERJ8GEYJ222 | S.M.CAR 0.125 | 5% 2K2Ω |
| R1382 | ERJ8GEYJ472 | S.M.CAR 0.125W | 5% 4K7Ω |
| R1383 | ERJ8GEYJ224 | S.M.CAR 0.125 | 5% 220KΩ |
| R1384 | ERJ8GEYJ224 | S.M.CAR 0.125 | 5% 220KΩ |
| R1385 | ERJ8GEYJ471 | S.M.CAR 0.125W | 5% 470Ω |
| R1386 | ERJ8GEYJ222 | S.M.CAR 0.125 | 5% 2K2Ω |
| R1387 | ERJ8GEYJ222 | S.M.CAR 0.125 | 5% 2K2Ω |
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| Ref No. | Part No. | Descri | iption |
| R1388 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R1389 | ERJ8GEYJ222 | S.M.CAR 0.125 | 5% 2 K2 Ω |
| R1391 | ERJ8GEYJ472 | S.M.CAR 0.125W | 5% 4K7Ω |
| R1394 | ERJ8GEY0R00 | METAL 0.125W | 1% 0Ω |
| i | | METAL 0.125W | 1% 0Ω |
| R1398 | ERJ8GEY0R00 | | |
| R1504 | ERJ8GEYJ102 | S.M.CAR 0.125W | |
| R1506 | ERJ8GEYJ333 | S.M.CAR 0.125 | 5% 33KΩ |
| R1507 | ERJ8GEYJ123 | S.M.CAR 0.125W | 5% 12KΩ |
| R1508 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R1516 | ERJ8GEYJ100 | S.M.CAR 0.125W | 5% 10Ω |
| R1517 | ERJ8GEYJ152 | S.M.CAR 0.125W | 5% 1K5 Ω |
| R1518 | ERJ8GEYJ123 | S.M.CAR 0.125W | 5% 12K Ω |
| R1521 | ERJ8GEYJ123 | S.M.CAR 0.125W | 5% 12KΩ |
| R1523 | ERJ8GEYJ102 | S.M.CAR 0.125W | 5% 1K0Ω |
| R1524 | ERJ8GEYJ472 | S.M.CAR 0.125W | 5% 4K7Ω |
| R1526 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R1527 | | S.M.CAR 0.125W | 5% 10KΩ |
| 1 | ERJ8GEYJ103 | | 5% 10KΩ |
| R1531 | ERJ8GEYJ103 | S.M.CAR 0.125W | |
| R1532 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R1533 | ERJ8GEYJ222 | S.M.CAR 0.125 | 5% 2K2Ω |
| R1534 | ERJ8GEYJ222 | S.M.CAR 0.125 | 5% $2K2\Omega$ |
| R1535 | ERJ8GEYJ820 | S.M.CAR 0.125W | 5% 82Ω |
| R1537 | ERJ8GEYJ151 | S.M.CAR 0.125W | 5% 150Ω |
| R1538 | ERJ8GEYJ560 | S.M.CAR 0.125W | 5% 56Ω |
| R1541 | ERJ8GEYJ103 | S.M.CAR 0.125W | 5% 10KΩ |
| R1542 | ERJ8GEYJ102 | S.M.CAR 0.125W | 5% 1K0Ω |
| R1544 | ERJ8GEYJ102 | S.M.CAR 0.125W | 5% 1K0Ω |
| R1603 | ERJ8GEYJ472 | S.M.CAR 0.125W | 5% 4K7Ω |
| R1603 | | S.M.CAR 0.125W | 5% 100Ω |
| 1 | ERJ8GEYJ101 | | 1% 0Ω |
| R1605 | ERJ8GEY0R00 | | |
| R1609 | ERJ8GEY0R00 | METAL 0.125W | 1% 0Ω |
| R1611 | ERJ8GEYJ471 | S.M.CAR 0.125W | 5% 470Ω |
| R1613 | ERJ8GEYJ681 | S.M.CAR 0.125W | 5% 680Ω |
| R1617 | ERJ8GEYJ560 | S.M.CAR 0.125W | 5% 56Ω |
| R1623 | ERJ8GEYJ102 | S.M.CAR 0.125W | 5% 1K0 Ω |
| R1624 | ERJ8GEYJ100 | S.M.CAR 0.125W | 5% 10Ω |
| R1626 | ERJ8GEYJ151 | S.M.CAR 0.125W | 5% 150Ω |
| R1627 | ERJ8GEYJ100 | S.M.CAR 0.125W | 5% 10Ω |
| R1628 | ERJ8GEYJ151 | S.M.CAR 0.125W | 5% 150Ω |
| R1629 | ERJ8GEYJ820 | S.M.CAR 0.125W | 5% 82Ω |
| R1630 | ERJ8GEYJ680 | S.M.CAR 0.125W | 5% 68Ω |
| R1632 | ERJ8GEYJ151 | S.M.CAR 0.125W | 5% 150Ω |
| R1633 | ERJ8GEYJ821 | S.M.CAR 0.125W | 5% 820Ω |
| 1 | | S.M.CAR 0.125W | 5% 100KΩ |
| R1634 | ERJ8GEYJ104 | S.M.CAR 0.125W S.M.CAR 0.125W | |
| R1635 | ERJ8GEYJ102 | • | |
| R1636 | ERJ8GEYJ332 | S.M.CAR 0.125 | 5% 3K3Ω |
| R1637 | ERJ8GEYJ471 | S.M.CAR 0.125W | 5% 470Ω |
| R1638 | ERJ8GEYJ471 | S.M.CAR 0.125W | 5% 470Ω |
| R1641 | ERJ8GEYJ333 | S.M.CAR 0.125 | 5% 33KΩ |
| R1642 | ERJ8GEYJ104 | S.M.CAR 0.125W | 5%100KΩ |
| R1643 | ERJ8GEYJ470 | S.M.CAR 0.125 | 5% 47Ω |
| R1646 | ERJ8GEYJ472 | S.M.CAR 0.125W | 5% 4K7 Ω |
| R1648 | ERJ8GEYJ472 | S.M.CAR 0.125W | 5% 4K7 Ω |
| R1657 | ERJ8GEYJ102 | S.M.CAR 0.125W | 5% 1K0 Ω |
| R1662 | ERJ8GEYJ220 | S.M.CAR 0.125 | 5% 22Ω |
| R1663 | ERJ8GEYJ220 | S.M.CAR 0.125 | 5% 22Ω |
| R1664 | ERJ8GEYJ102 | S.M.CAR 0.125W | 5% 1K0Ω |
| R1665 | ERJ8GEYJ220 | S.M.CAR 0.125V | 5% 11032 5% 22Ω |
| | ERJ8GEY0R00 | METAL 0.125W | 1% 0Ω |
| R1675 | | S.M.CAR 0.125W | 5% 10KΩ |
| R1678 | ERJ8GEYJ103 | | |
| R1683 | ERJ8GEYJ331 | S.M.CAR 0.125 | 5% 330Ω |
| R1684 | ERJ8GEYJ680 | S.M.CAR 0.125W | 5% 68Ω |
| R1685 | ERJ8GEY0R00 | METAL 0.125W | 1% 0Ω |
| R1686 | ERJ8GEYJ680 | S.M.CAR 0.125W | 5% 68Ω |
| R1687 | ERJ8GEYJ221 | S.M.CAR 0.125 | 5% 220Ω |
| R1701 | ERJ8GEYJ103 | S.M.CAR 0.125W | 5% 10 K Ω |
| R1702 | ERJ8GEYJ472 | S.M.CAR 0.125W | 5% 4K7 Ω |
| R1706 | ERJ8GEYJ104 | S.M.CAR 0.125W | 5% 100K Ω |
| R1707 | ERJ8GEYJ103 | S.M.CAR 0.125W | 5% 10K Ω |
| R1708 | ERJ8GEYJ104 | S.M.CAR 0.125W | $5\%100$ K Ω |
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| Ref No. | Part No. | Descripti | on |
| R1709 | ERJ8GEYJ473 | S.M.CAR 0.125W | 5% 47KΩ |
| R1722 | ERJ8GEYJ103 | S.M.CAR 0.125W | 5% 10KΩ |
| R1723 | ERJ8GEYJ103 | S.M.CAR 0.125W | 5% 10KΩ |
| R1724 | ERJ8GEYJ153 | S.M.CAR 0.125W | 5% 15KΩ |
| | | S.M.CAR 0.125W | 5% 10KΩ |
| R1728 | ERJ8GEYJ103 | | |
| R1729 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R1731 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R1764 | ERJ8GEYJ102 | S.M.CAR 0.125W | 5% 1K0Ω |
| R1772 | ERJ8GEYJ750 | S.M.CAR 0.125W | 5% 75Ω |
| R1774 | ERJ8GEYJ750 | S.M.CAR 0.125W | 5% 75Ω |
| R1777 | ERJ8GEYJ750 | S.M.CAR 0.125W | 5% 75Ω |
| R1779 | ERJ8GEYJ750 | S.M.CAR 0.125W | 5% 75Ω |
| R1780 | ERJ8GEYJ103 | S.M.CAR 0.125W | 5% 10KΩ |
| R1781 | ERJ8GEY0R00 | METAL 0.125W | 1% 0Ω |
| R1783 | ERJ8GEYJ471 | S.M.CAR 0.125W | 5% 470Ω |
| R1784 | ERJ8GEYJ102 | S.M.CAR 0.125W | 5% 1K0Ω |
| R1791 | ERJ8GEYJ272 | S.M.CAR 0.125 | 5% 2K7Ω |
| | | S.M.CAR 0.125 | 5% 2K7Ω |
| R1792 | ERJ8GEYJ272 | | * |
| R1793 | ERJ8GEYJ272 | S.M.CAR 0.125 | 5% 2K7Ω |
| R1806 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R1807 | ERJ8GEYJ222 | S.M.CAR 0.125 | 5% 2K2Ω |
| R1808 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R1809 | ERJ8GEYJ472 | S.M.CAR 0.125W | 5% 4K7 Ω |
| R1811 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R1812 | ERJ8GEYJ472 | S.M.CAR 0.125W | 5% 4K7 Ω |
| R1815 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R1816 | ERJ8GEYJ473 | S.M.CAR 0.125W | 5% 47KΩ |
| R1821 | ERJ8GEYJ102 | S.M.CAR 0.125W | 5% 1K0Ω |
| | | | 5% 1K9Ω |
| R1822 | ERJ8GEYJ392 | | |
| R1823 | ERJ8GEYJ472 | S.M.CAR 0.125W | 5% 4K7Ω |
| R1824 | ERJ8GEYJ473 | S.M.CAR 0.125W | 5% 47KΩ |
| R1825 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R1826 | ERJ8GEYJ563 | S.M.CAR 0.125W | 5% 56KΩ |
| R1827 | ERJ8GEYJ393 | S.M.CAR 0.125 | 5% 39 KΩ |
| R1828 | ERJ8GEYJ472 | S.M.CAR 0.125W | 5% 4K7 Ω |
| R1829 | ERJ8GEYJ102 | S.M.CAR 0.125W | 5% 1K0 Ω |
| R1831 | ERJ8GEYJ392 | S.M.CAR 0.125 | 5% 3K9 Ω |
| R1832 | ERJ8GEYJ472 | S.M.CAR 0.125W | 5% 4K7 Ω |
| R1834 | ERJ8GEYJ472 | S.M.CAR 0.125W | 5% 4K7Ω |
| R1835 | ERJ8GEYJ103 | S.M.CAR 0.125W | 5% 10KΩ |
| | ERJ8GEYJ472 | S.M.CAR 0.125W | 5% 4K7Ω |
| R1837 | | S.M.CAR 0.125W S.M.CAR 0.125W | |
| R1838 | ERJ8GEYJ102 | | |
| R1839 | ERJ8GEYJ472 | S.M.CAR 0.125W | 5% 4K7Ω |
| R1841 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R1842 | ERJ8GEYJ472 | S.M.CAR 0.125W | 5% 4K7 Ω |
| R1843 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R1844 | ERJ8GEYJ472 | S.M.CAR 0.125W | 5% 4K7 Ω |
| R1846 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100 Ω |
| R1847 | ERJ8GEYJ472 | S.M.CAR 0.125W | 5% 4K7 Ω |
| R1849 | ERJ8GEYJ472 | S.M.CAR 0.125W | 5% 4K7 Ω |
| R1850 | ERJ8GEYJ471 | S.M.CAR 0.125W | 5% 470Ω |
| R1857 | ERJ8GEYJ683 | S.M.CAR 0.125W | 5% 68KΩ |
| R1858 | | S.M.CAR 0.125 | 5% 39KΩ |
| | ERJ8GEYJ393 | | |
| R1859 | ERJ8GEYJ102 | S.M.CAR 0.125W | 5% 1K0Ω |
| R1860 | ERJ8GEYJ221 | S.M.CAR 0.125 | 5% 220Ω |
| R1861 | ERJ8GEYJ272 | S.M.CAR 0.125 | 5% 2Κ7Ω |
| R1862 | ERJ8GEYJ272 | S.M.CAR 0.125 | 5% 2⋉7Ω |
| R1863 | ERJ8GEYJ472 | S.M.CAR 0.125W | 5% 4 K 7Ω |
| R1866 | ERJ8GEYJ272 | S.M.CAR 0.125 | 5% 2 K 7Ω |
| R1881 | ERJ8GEYJ472 | S.M.CAR 0.125W | 5% 4⋉7Ω |
| R1882 | ERJ8GEYJ472 | S.M.CAR 0.125W | 5% 4K7Ω |
| R1884 | ERJ8GEYJ472 | S.M.CAR 0.125W | 5% 4≮7Ω |
| R1885 | ERJ8GEYJ100 | S.M.CAR 0.125W | 5% 10Ω |
| | ERJ8GEYJ472 | S.M.CAR 0.125W | 5% 10s2 5% 4K7Ω |
| R1886 | | | 5% 4K752 5% 10Ω |
| R1887 | ERJ8GEYJ100 | S.M.CAR 0.125W | |
| R1888 | ERJ8GEYJ472 | S.M.CAR 0.125W | 5% 4K7Ω |
| R1889 | ERJ8GEYJ100 | S.M.CAR 0.125W | 5% 10Ω |
| R1891 | ERJ8GEYJ472 | S.M.CAR 0.125W | 5% 4Κ7Ω |
| R1892 | ERJ8GEYJ472 | S.M.CAR 0.125W | 5% 4K7Ω |
| R1893 | ERJ8GEYJ472 | S.M.CAR 0.125W | 5% 4K7Ω |
| | | | |

| | | | |
|-------|-----------------|--------------------------------|---------------------------|
| Ref N | o. Part No. | Descri | iption |
| R189 | | S.M.CAR 0.125W | 5% 5K6Ω |
| R189 | 6 ERJ8GEYJ332 | S.M.CAR 0.125 | 5% 3K3 Ω |
| R189 | 7 ERJ8GEYJ562 | S.M.CAR 0.125W | 5% 5K6Ω |
| R189 | 8 ERJ8GEYJ103 | S.M.CAR 0.125W | 5% 10KΩ |
| R189 | 9 ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R190 | 6 ERJ8GEYJ472 | S.M.CAR 0.125W | 5% 4K7 Ω |
| R192 | 1 ERJ8GEYJ472 | S.M.CAR 0.125W | 5% 4K7 Ω |
| R192 | 2 ERJ8GEYJ331 | S.M.CAR 0.125 | 5% 330Ω |
| R192 | 3 ERJ8GEYJ222 | S.M.CAR 0.125 | 5% 2K2Ω |
| R192 | 5 ERJ8GEYJ331 | S.M.CAR 0.125 | 5% 330Ω |
| R194 | 1 ERJ8GEYJ100 | S.M.CAR 0.125W | 5% 10Ω |
| R196 | 1 ERJ8GEYJ332 | S.M.CAR 0.125 | 5% 3K3 Ω |
| R196 | 2 ERJ8GEYJ102 | S.M.CAR 0.125W | 5% 1K0 Ω |
| R196 | 3 ERJ8GEYJ153 | S.M.CAR 0.125W | 5% 15KΩ |
| R196 | 4 ERJ8GEYJ103 | S.M.CAR 0.125W | 5% 10KΩ |
| R196 | 6 ERJ8GEYJ152 | S.M.CAR 0.125W | 5% 1K5Ω |
| R196 | 7 ERJ8GEYJ102 | S.M.CAR 0.125W | 5% 1K0Ω |
| R196 | 8 ERJ8GEYJ470 | S.M.CAR 0.125 | 5% 47Ω |
| R196 | 9 ERJ8GEYJ102 | S.M.CAR 0.125W | 5% 1K0 Ω |
| R310 | 1 ERJ6GEYJ562 | S.M.CARB 0.1W | 5% 5K6 Ω |
| R310 | 2 ERJ6GEYJ562 | S.M.CARB 0.1W | 5% 5K6 Ω |
| R310 | 3 ERJ6GEYJ562 | S.M.CARB 0.1W | 5% 5K6Ω |
| R310 | 4 ERJ6GEYJ102 | S.M.CARB 0.1W | 5% 1KΩ |
| R310 | 6 ERJ6GEYJ563 | S.M.CARB 0.1W | 5% 56K Ω |
| R310 | 7 ERJ6GEYJ472 | S.M.CARB 0.1W | 5% 4K7 Ω |
| R310 | 8 ERJ6GEYJ471 | S.M.CARB 0.1W | 5% 470Ω |
| R310 | 9 ERJ6GEYJ101 | S.M.CARB 0.1W | 5% 100Ω |
| R311 | 1 ERDS1FYJ222 | CARBON 0.5W | 5% 2K2 Ω Λ |
| R311 | 2 ERJ6GEYJ152 | S.M.CARB 0.1W | 5% 1K5Ω |
| R311 | 3 ERD25TJ681 | CARBON 0.25W | 5% 680Ω |
| R312 | 1 ERJ6GEYJ153 | S.M.CARB 0.1W | 5% 15K Ω |
| R312 | 2 ERJ6GEYJ222 | S.M.CARB 0.1W | 5% $2K2\Omega$ |
| R312 | 3 ERJ6GEYJ471 | S.M.CARB 0.1W | 5% 470Ω |
| R312 | 4 ERJ6GEYJ681 | S.M.CARB 0.1W | 5% 680Ω |
| R312 | 6 ERJ6GEYJ122 | S.M.CARB 0.1W | 5% 1K2Ω |
| R312 | 7 ERQ14AJ100 | METAL 0.25W | 5% 10Ω 🗘 |
| R312 | 8 ERQ14AJ820 | METAL 0.25W | 5% 82Ω Δ |
| R312 | 9 ERQ14AJ820 | METAL 0.25W | 5% 82Ω Δ |
| R313 | 0 ERJ6GEYJ100 | S.M.CARB 0.1W | 5% 10Ω |
| R313 | 1 ERD25TJ563 | CARBON 0.25W | 5% 56 KΩ |
| R313 | 2 ERD25TJ122 | CARBON 0.25W | 5% 1 K 2Ω |
| R313 | | CARBON 0.25W | 5% 2R7Ω |
| R313 | | CARBON 0.5W | 5% 39Ω Δ |
| R313 | | S.M.CARB 0.1W | 5% 10Ω |
| R313 | | CARBON 0.25W | 5% 56KΩ |
| R313 | | CARBON 0.25W | 5% 1K2Ω |
| R313 | | CARBON 0.25W | 5% 2R7Ω |
| R313 | | CARBON 0.5W | 5% 39Ω Δ |
| R314 | | CARBON 0.5W | 5% 100Ω Δ |
| R314 | | S.M.CARB 0.1W | 5% 4K7Ω |
| R314 | | S.M.CARB 0.1W | 5% 2K2Ω |
| R314 | | S.M.CARB 0.1W | 5% 680Ω |
| R314 | | CARBON 0.5W | 5% 180Ω Δ |
| R315 | | METAL 0.5W | 5% 1KΩ Δ |
| R315 | | FUSIBLE 0.25W | 5% 3R9Ω Δ |
| R3160 | | S.M.CARB 0.1W | 5% 10Ω |
| R316 | | S.M.CARB 0.1W | 5% 1KΩ |
| R316 | | S.M.CARB 0.1W | 5% 1KΩ |
| R3163 | | S.M.CARB 0.1W | 5% 3K3Ω |
| R3164 | | S.M.CARB 0.1W | 5% 470Ω |
| R3160 | | S.M.CARB 0.1W | 5% 470Ω |
| R316 | | S.M.CARB 0.1W | 5% 470Ω |
| R3168 | | S.M.CARB 0.1W | 5% 1KΩ |
| R3169 | | S.M.CARB 0.1W | 5% 1KΩ |
| R3170 | | S.M.CARB 0.1W | 5% 10Ω |
| R317 | | S.M.CARB 0.1W | 5% 1KΩ |
| R317 | | S.M.CARB 0.1W S.M.CARB 0.1W | 5% 1KΩ |
| R317 | | S.M.CARB 0.1W | 5% 3K3Ω 5% 470Ω |
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|---------|--------------|----------------|--------------------------|
| Ref No. | Part No. | Description | |
| R3176 | ERJ6GEYJ471 | S.M.CARB 0.1W | 5% 470Ω |
| R3177 | ERJ6GEYJ471 | S.M.CARB 0.1W | 5% 470Ω |
| R3178 | ERJ6GEYJ102 | S.M.CARB 0.1W | 5% 1K Ω |
| R3179 | ERJ6GEYJ102 | S.M.CARB 0.1W | 5% 1K Ω |
| R3180 | ERJ6GEYJ100 | S.M.CARB 0.1W | 5% 10Ω |
| R3181 | ERJ6GEYJ102 | S.M.CARB 0.1W | 5% 1KΩ |
| R3182 | ERJ6GEYJ102 | S.M.CARB 0.1W | 5% 1KΩ |
| R3183 | ERJ6GEYJ332 | S.M.CARB 0.1W | 5% 3K3Ω |
| R3184 | ERJ6GEYJ471 | S.M.CARB 0.1W | 5% 470Ω |
| | | | |
| R3186 | ERJ6GEYJ471 | S.M.CARB 0.1W | 5% 470Ω |
| R3187 | ERJ6GEYJ471 | S.M.CARB 0.1W | 5% 470Ω |
| R3188 | ERJ6GEYJ102 | S.M.CARB 0.1W | 5% 1KΩ |
| R3189 | ERJ6GEYJ102 | S.M.CARB 0.1W | 5% 1KΩ |
| R3307 | ERJ6GEYJ101 | S.M.CARB 0.1W | 5% 100Ω |
| R3308 | ERJ6GEYJ101 | S.M.CARB 0.1W | 5% 100Ω |
| R3309 | ERJ6GEYJ101 | S.M.CARB 0.1W | 5% 100Ω |
| R3352 | ERJ6GEYJ273 | S.M.CARB 0.1W | 5% 27KΩ |
| | | | |
| R3353 | ERJ6GEYJ100 | S.M.CARB 0.1W | 5% 10Ω |
| R3356 | ERJ6GEYJ103 | S.M.CARB 0.1W | 5% 10KΩ |
| R3358 | ERJ6GEYJ100 | S.M.CARB 0.1W | 5% 10Ω |
| R3359 | ERJ6GEYJ472 | S.M.CARB 0.1W | 5% 4K7 Ω |
| R3362 | ERC12GK105D | SOLID 0.5W | 10% 1MΩ |
| P3362 | RH092GDJ6J | CONTROL | 900Ω |
| R3363 | ERC12GK821D | SOLID 0.5W | 10% 820Ω |
| R3364 | | | |
| | ERC12GK821D | SOLID 0.5W | |
| R3365 | ERD25TJ220 | CARBON 0.25W | 5% 22Ω |
| R3366 | ERQ12AJ101 | FUSABLE 0.5W | 5% 100Ω Δ |
| R3367 | ERJ6GEYJ102 | S.M.CARB 0.1W | 5% 1KΩ |
| R3368 | ERJ6GEYJ103 | S.M.CARB 0.1W | 5% 10KΩ |
| P3368 | EVN65UA00B24 | CONTROL | 20ΚΩ |
| R3369 | ERJ6GEYJ682 | S.M.CARB 0.1W | 5% 6K8Ω |
| R3370 | ERJ6GEYJ100 | | |
| | | | 5% 10Ω |
| R3371 | ERJ6GEYJ272 | S.M.CARB 0.1W | 5% $2K7\Omega$ |
| R3372 | ERJ6GEYJ392 | S.M.CARB 0.1W | 5% 3 K 9 Ω |
| R3373 | ERJ6GEYJ152 | S.M.CARB 0.1W | 5% 1K5Ω |
| R3374 | ERDS1TJ913 | CARBON 0.5W | 5% 91KΩ |
| R3375 | ERG2ANJ183 | METAL 2W | 5% 18KΩ |
| R3376 | ERD25TJ561 | CARBON 0.25W | 5% 560Ω |
| R3378 | ERC12GK821D | SOLID 0.5W | 10% 820Ω |
| R3379 | ERD25TJ103 | CARBON 0.25W | 5% 10KΩ |
| R3380 | | | |
| | ERJ6GEYJ100 | S.M.CARB 0.1W | 5% 10Ω |
| R3381 | ERJ6GEYJ272 | S.M.CARB 0.1W | 5% 2K7 Ω |
| R3382 | ERJ6GEYJ392 | S.M.CARB 0.1W | 5% 3 K 9 Ω |
| R3383 | ERJ6GEYJ152 | S.M.CARB 0.1W | 5% 1K5 Ω |
| R3384 | ERDS1TJ913 | CARBON 0.5W | 5% 91KΩ |
| R3385 | ERG2ANJ183 | METAL 2W | 5% 18KΩ |
| R3386 | ERD25TJ561 | CARBON 0.25W | 5% 560Ω |
| R3388 | ERC12GK821D | SOLID 0.5W | 10% 820Ω |
| | | | |
| R3389 | ERD25TJ103 | | 5% 10KΩ |
| R3390 | ERJ6GEYJ100 | S.M.CARB 0.1W | 5% 10Ω |
| R3391 | ERJ6GEYJ272 | S.M.CARB 0.1W | 5% 2K7 Ω |
| R3392 | ERJ6GEYJ392 | S.M.CARB 0.1W | 5% 3 K 9 Ω |
| R3393 | ERJ6GEYJ152 | S.M.CARB 0.1W | 5% 1K5Ω |
| R3394 | ERDS1TJ913 | CARBON 0.5W | 5% 91KΩ |
| R3395 | ERG2ANJ183 | METAL 2W | 5% 18KΩ |
| R3396 | ERD25TJ561 | CARBON 0.25W | 5% 560Ω |
| R3397 | ERJ6GEYJ562 | S.M.CARB 0.1W | 5% 560Ω 5% 5K6Ω |
| | | | |
| R3398 | ERC12GK821D | SOLID 0.5W | 10% 820Ω |
| R3399 | ERD25TJ103 | CARBON 0.25W | 5% 10KΩ |
| R4501 | ERJ8GEYJ331 | S.M.CAR 0.125 | 5% 330Ω |
| R4502 | ERJ8GEYJ333 | S.M.CAR 0.125 | 5% 33KΩ |
| R4503 | ERJ8GEYJ331 | S.M.CAR 0.125 | 5% 330Ω |
| R4504 | ERJ8GEYJ333 | S.M.CAR 0.125 | 5% 33KΩ |
| R4506 | ERJ8GEYJ333 | S.M.CAR 0.125 | 5% 33KΩ |
| R4507 | ERJ6GEYJ472 | S.M.CARB 0.1W | 5% 4K7Ω |
| | | | |
| R4549 | ERJ8GEY0R00 | METAL 0.125W | 1% 0Ω |
| R4552 | ERJ8GEYJ100 | S.M.CAR 0.125W | 5% 10Ω |
| R4553 | ERJ8GEYJ103 | S.M.CAR 0.125W | 5% 10KΩ |
| R4554 | ERJ6GEY0R00 | WIRE LINK | |
| R4555 | ERJ6GEY0R00 | WIRE LINK | |
| | | | |

| Ref No. | Part No. | Descri | ption |
|---------|--------------|----------------|-------------------|
| R4556 | ERJ6GEYJ101 | S.M.CARB 0.1W | 5% 100Ω |
| R4556 | ERJ8GEYJ101 | S.M.CAR 0.125W | 5% 100Ω |
| R4557 | ERJ6GEYJ333 | S.M.CARB 0.1W | 5% 33KΩ |
| R4558 | ERJ8GEYJ103 | S.M.CAR 0.125W | 5% 10KΩ |
| P4703 | EVND4AA00B24 | CONTROL | 20ΚΩ |
| R4709 | ERJ8GEYJ223 | S.M.CAR 0.125 | 5% 22KΩ |
| R4711 | ERJ8GEYJ224 | S.M.CAR 0.125 | 5% 220KΩ |
| R4721 | ERJ6GEYJ222 | S.M.CARB 0.1W | 5% 2K2Ω |
| R4722 | ERJ6GEYJ123 | S.M.CARB 0.1W | 5% 12KΩ |
| R4723 | ERJ6GEYJ221 | S.M.CARB 0.1W | 5% 220Ω |
| R4724 | ERJ6GEYJ680 | S.M.CARB 0.1W | 5% 68Ω |
| R4726 | ERJ8GEYJ123 | S.M.CAR 0.125W | 5% 12KΩ |
| R4727 | ERJ8GEYJ181 | S.M.CAR 0.125W | 5% 180Ω |
| R4733 | ERJ6GEYJ103 | S.M.CARB 0.1W | 5% 10KΩ |
| R4808 | ERJ6GEYJ471 | S.M.CARB 0.1W | 5% 470Ω |
| R4809 | ERJ6GEYJ821 | S.M.CARB 0.1W | 5% 820Ω |
| R4812 | ERJ8GEYJ104 | S.M.CAR 0.125W | 5%100KΩ |
| R4813 | ERJ8GEYJ104 | S.M.CAR 0.125W | 5%100KΩ |
| R4814 | ERJ6GEYJ222 | S.M.CARB 0.1W | 5% 2K2Ω |
| R4818 | ERJ8GEYJ150 | S.M.CAR 0.125W | 5% 15Ω |
| R4823 | ERJ6GEYJ103 | S.M.CARB 0.1W | 5% 10KΩ |
| R4837 | ERJ8GEYJ103 | S.M.CAR 0.125W | 5% 10KΩ |
| R4839 | ERJ8GEYJ103 | S.M.CAR 0.125W | 5% 10 K Ω |
| R4841 | ERJ8GEYJ561 | S.M.CAR 0.125W | 5% 560Ω |
| R4842 | ERJ6GEYJ561 | S.M.CARB 0.1W | 5% 560Ω |
| R4843 | ERJ6GEYJ821 | S.M.CARB 0.1W | 5% 820Ω |
| R4848 | ERJ8GEY0R00 | METAL 0.125W | 1% 0Ω |
| R4879 | ERJ8GEY0R00 | METAL 0.125W | 1% 0Ω |
| R4893 | ERJ6GEYJ471 | S.M.CARB 0.1W | 5% 470Ω |
| R4894 | ERJ6GEYJ471 | S.M.CARB 0.1W | 5% 470Ω |
| R6301 | ERJ6GEYJ101 | S.M.CARB 0.1W | 5% 100Ω |
| R6302 | ERJ6GEY0R00 | WIRE LINK | |
| R6303 | ERJ6GEYJ103 | S.M.CARB 0.1W | 5% 10KΩ |
| R6305 | ERJ6GEY0R00 | WIRE LINK | |
| R6306 | ERJ6GEYJ104 | S.M.CARB 0.1W | 5% 100KΩ |
| R6307 | ERJ6GEYJ104 | S.M.CARB 0.1W | 5% 100KΩ |
| R6404 | ERJ6GEY0R00 | WIRE LINK | |
| R6405 | ERJ6GEY0R00 | WIRE LINK | |
| R6607 | ERG2SJ471 | METAL 2W | 5% 470Ω |
| R6608 | ERG2SJ471 | METAL 2W | 5% 470Ω |
| R6609 | ERDS1TJ151 | CARBON 0.5W | 5% 150Ω |
| R6610 | ERDS1TJ151 | CARBON 0.5W | 5% 150Ω |

| Ref No. Pa | ırt No. | Description |
|------------|-------------------|-------------------------------------|
| SWITCHE | S | |
| | | |
| | QR4AL13 | SWITCH |
| | QPB105K | SWITCH |
| S6811 ESE | 391232A | SWITCH Λ |
| | | |
| | | |
| TRANSFO | RMERS | |
| T500 507 | 204.00000 | TRANSFORMER |
| | 0103200 | TRANSFORMER FLYBACK TRANSFORMER A |
| | 15571F P8E1000 | FLYBACK TRANSFORMER TRANSFORMER |
| 1639 115 | 8E1000 | TRANSFORMER |
| | | |
| FILTERS | | |
| | | |
| X1654 100 | 80785 | CRYSTAL |
| X1656 100 | 82031 | CRYSTAL |
| X1853 100 | 80066 | CRYSTAL |
| X4701 EF0 | CS5M7MW3 | FILTER |
| X4704 G32 | 258K | SAW FILTER |
| X4836 EF0 | CS5R5MS5 | FILTER |
| X4837 EF0 | CS5R5MS5 | FILTER |
| X4839 EF0 | CS6R5MS5 | FILTER |
| X4841 EF0 | CS5R74MS5A | FILTER |
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REPLACMENT PARTS LIST FOR TX-29AD1C

| REPL | ACMENT PA | ARTS LI | ST FOR | TX-29AD |
|---------|--------------|-----------|-------------|------------|
| Ref No. | Part No. | | Description | |
| | | | NITO | |
| MISCE | ELLANEOUS C | OMPONE | NIS | |
| 1) | A68ESF002X11 | CRT | | |
| 8) | TKY8E031 | CABINET | | 1 |
| 9) | | REAR COVI | =R | <u></u> |
| 11) | TNP117037 | Y P.C.B. | | 1 |
| 12) | TNP8EE002AW | | | ∆ \ |
| 17) | TBM8E1362 | REAR COV | ER LABEL | |
| 21) | TLK8E05116 | DEGAUSS | COIL | |
| | TNP8EW001AA | | | Δ |
| | TPC8E4446 | OUTER CAI | | |
| | TPD8E584 | TOP CUSH | | |
| | TPD8E585 | воттом с | USHION | : |
| | | | | |
| CAPA | CITORS | | | |
| C534 | ECKC3D332J | CERAMIC | 3KV 3300p | .F 1 |
| C554 | ECEA1VFE272Y | | 35V 2700µ | |
| C3167 | | | 50V 2768p | |
| C3377 | | | 50V 1.2n | F |
| C3387 | | S.M. CAP | 50V 1.2n | |
| C3397 | | | 50V 1.2n | |
| C7003 | | | 50V 39n | |
| C7004 | ECQB1H103J | FILM | 50V 10n | F |
| | | | | |
| DIODI | ES | | | |
| D7004 | MA723TA5 | DIODE | | |
| D7005 | | DIODE | | |
| D7006 | MA165TA5 | DIODE | | |

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|---|---------|--------------|-----------------------------------|
| | Ref No. | Part No. | Description |
| | COILS |) | |
| | | | |
| | L541 | ELH5L7002 | COIL |
| | L7001 | ELEIN331KA | COIL |
| | L7002 | ELH11Y751 | COIL |
| | | | |
| | TRANS | SISTORS | |
| | Q7001 | 2SD965-R | TRANSISTOR |
| | Q7002 | 2SD965-R | TRANSISTOR |
| | | | |
| | RESIS | TORS | |
| İ | R532 | ERW2PK1R2 | RESISTOR A |
| | R549 | ERO50PKF1203 | RESISTOR A |
| | R570 | ERG2FJ221 | RESISTOR A |
| | R574 | ERW12PTKR56C | |
| | R577 | ERO25CKF1802 | METAL 0.25W 1% 18KΩ Δ |
| | R589 | ERO25CKF2202 | METAL 0.25W 1% 22KΩ Δ |
| ł | R1519 | ERJ8GEYJ123 | S.M.CAR 0.125W 5% 12KΩ |
| | R3361 | ERQ1CJ5R1 | METAL 1W 5% 5.1Ω Λ |
| | R7004 | ERDS1TJ2R2 | CARBON 0.5W 5% 2.2Ω |
| | R7005 | ERD25TJ2R2 | CARBON 0.25W 5% 2R2Ω |
| | R7006 | ERD25TJ102 | CARBON 0.25W 5% 1KΩ |
| | R7007 | ERD25TJ102 | CARBON 0.25W 5% 1KΩ |
| | R7008 | ERD25TJ470 | CARBON 0.25W 5% 47Ω |
| | | | |
| | TRANS | SFORMERS | |
| | T7001 | ETE19K108AY | TRANSFORMER |
| | T7002 | ETE19K109AY | TRANSFORMER |
| ι | | | |

REPLACMENT PARTS LIST FOR TX-25AD1C

| Ref No. | Part No. | Description | | | | | | |
|--|--|---|--|--|--|--|--|--|
| MISCELLANEOUS COMPONENTS | | | | | | | | |
| 1) 8) 9) 11) 12) 17) 21) | TNP117037AA TNP8EE002AX TBM8E1363 TLK8E05115 TPC8E4448 TPD8E586 | REAR COVER Y P.C.B. E P.C.B. REAR COVER LABEL DEGAUSSING COIL OUTER CARTON | | | | | | |
| CAPACITORS | | | | | | | | |
| C534 C561 C3167 C3377 | ECKC3D222JB ECA1VFQ272L ECUV1H560JCX ECUV1H222KBX | ELECT 35V 2700μF S.M. CAP 50V 56pF | | | | | | |

| Ref No. | Part No. | Description | | | | | | | |
|----------------|------------------------------|---------------|------------|------------------|-----------------|---|--|--|--|
| C3387 C3397 | ECUV1H222KBX ECUV1H222KBX | O | 50V 50V | 2.2nF 2.2nF | | | | | |
| COILS | | | | | | | | | |
| L541 | ELH5L421 | COIL | | | | | | | |
| RESISTORS | | | | | | | | | |
| R532 | ERW2PKR47 | WIREWOU | JND2W | 10%0 |)R47Ω | Δ | | | |
| R549 | ERO25CKF1503 | METAL | 0.25W | 1% | 15Ω | Δ | | | |
| R570 | ERG2FJ471 | METAL | 2W | 5% | 470Ω | 1 | | | |
| R574 | ERW12PTKR82C | WIREWOUND0.5W | | 10%0R82 Ω | | 1 | | | |
| R577 | ERO25CKF1302 | METAL | 0.25W | 1% | 13K Ω | Δ | | | |
| R589 | ERO25CKF3302 | METAL | 0.25W | 1% | 33 K Ω | 1 | | | |
| R1519 | ERJ8GEYJ332 | S.M.CAR | 0.125 | 5% | ЗКЗ Ω | | | | |
| R3361 | ERQ2CJP2R2 | METAL | 2W | 5% | $2R2\Omega$ | Δ | | | |
| | | | | | | | | | |